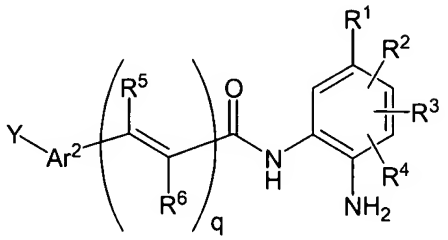
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A histone deacetylase inhibitor of formula (1):



(1)

or a pharmaceutically acceptable salt thereof, wherein

Ar^2 is a saturated or mono- or poly- unsaturated C_5-C_{14}-mono- or fused poly- cyclic hydrocarbyl, optionally containing one, two, three, or four annular heteroatoms per ring optionally substituted with one or more groups selected from C_1-C_7-alkyl, hydroxy, C_1-C_7-alkoxy, halo, and amino, provided that an annular O or S is not adjacent to another annular O or S;

R^5 and R^6 are independently selected from the group consisting of hydrogen, C_1-C_7-alkyl, aryl, and aralkyl;

R^2, R^3 and R^4 are independently selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7-alkyl-arylsulfanyl, C_1-C_7-alkyl-arylsulfinyl, C_1-C_7-alkyl-arylsulfonyl, C_1-C_7-alkyl-arylaminosulfonyl, C_1-C_7-alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

q is 0 or 1;

R^1 is a mono-, bi-, or tri-cyclic aryl or heteroaryl, each of which is optionally substituted;

Y is any pharmaceutically acceptable chemical moiety consisting of 1 to 50 atoms; and

provided that

when R^1 is *N*-imidazolyl, R^2-R^4 are H, q is 0, and Ar^2 is pyridine, Y is not Cl; and

when R^1 is *p*-aminophenyl, R^2-R^4 are H, q is 0, and Ar^2 is phenyl, Y is not H.

2. (original) The compound according to claim 1 wherein R^1 is phenyl, naphthyl, anthracenyl, or fluorenyl.

3. (original) The compound according to claim 1 wherein R^1 is furanyl or thienyl.

4. (original) The compound according to claim 2 wherein R^2, R^3, and R^4 are all –H.

5. (original) The compound according to claim 3 wherein R^2, R^3, and R^4 are all –H.

6. (original) The compound according to claim 1 wherein Y is Cy^2-X^1- and

Cy^2 is hydrogen, cycloalkyl, aryl, heteroaryl, or heterocyclyl, each of which is optionally substituted and each of which is optionally fused to one or two aryl or heteroaryl rings, or to one or two saturated or partially unsaturated cycloalkyl or heterocyclic rings, and wherein any of the aforementioned rings are optionally substituted; and

X^1 is selected from the group consisting of a covalent bond, M^1-L^2-M^1, and L^2-M^2-L^2 wherein

L^2, at each occurrence, is independently selected from the group consisting of a chemical bond, C_0-C_4-hydrocarbyl, C_0-C_4-hydrocarbyl-(NH)-C_0-C_4-hydrocarbyl, C_0-C_4-hydrocarbyl-(S)-C_0-C_4-hydrocarbyl, and C_0-C_4-hydrocarbyl-(O)-C_0-C_4-hydrocarbyl, provided that L^2 is not a chemical bond when X^1 is M^1-L^2-M^1;

M^1, at each occurrence, is independently selected from the group consisting of -O-, -N(R^7)-, -S-, -S(O)-, $S(O)_2$-, -$S(O)_2N(R^7)$-, -N(R^7)-$S(O)_2$-, -C(O)-, -C(O)-NH-, –NH-C(O)-, -NH-C(O)-O–and -O-C(O)-NH-, -NH-C(O)-NH-,

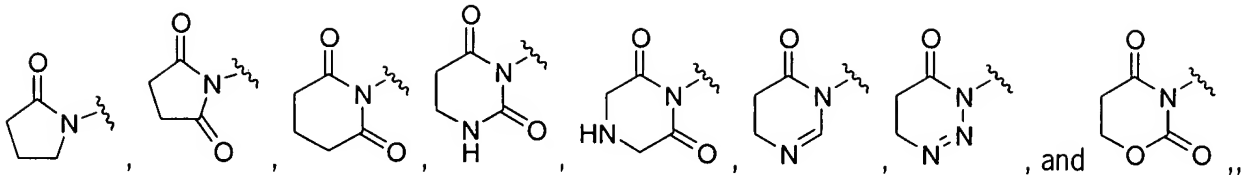
R^7 is selected from the group consisting of hydrogen, C_1-C_6-hydrocarbyl, aryl, aralkyl, acyl, C_0-C_6-hydrocarbyl-heterocyclyl, and C_0-C_6-hydrocarbyl-heteroaryl, wherein the hydrocarbyl moieties are optionally substituted with –OH, -NH_2, -N(H)CH_3, –$N(CH_3)_2$, or halo; and

M^2 is selected from the group consisting of M^1, heteroarylene, and heterocyclylene, either of which rings optionally is substituted.

7. (original) The compound according to claim 6, wherein X^1 is selected from the group consisting of a -N(Z)-C_0-C_7-alkyl-, -O-C_0-C_7-alkyl-, -C(H)=CH-C_0-C_7-alkyl-, -S-C_0-C_7-alkyl-, or -C_1-C_7-alkyl-, wherein Z is -H or -C_1-C_7-alkyl- optionally substituted with –OH, -NH_2, or halo.

8. (original) The compound according to claim 6, wherein X^1 is selected from methylene, aminomethyl, and thiomethyl.

9. (original) The compound according to claim 6, wherein Cy^2 is selected from



each of which optionally is substituted and optionally is fused to one or more aryl rings.

10. (original) The compound according to claim 6 wherein Cy^2 is aryl or heteroaryl, each optionally substituted.

11. (original) The compound according to claim 6 wherein Cy^2 is phenyl, pyrimidinyl, benzoimidazolyl or benzothiazolyl, each of which is optionally substituted.

12. (original) The compound according to claim 11 wherein Cy^2 has from one and three substituents independently selected from the group consisting of C_1-C_7-alkoxy, halo, di-C_1-C_7-alkylamino-C_1-C_7-alkoxy and heteroaryl.

13. (original) The compound according to claim 12 wherein the substituents are selected from methoxy, fluoro, chloro, pyridinyl and dimethylamino-ethoxy.

14. (original) The compound according to claim 13 wherein Cy^2 is phenyl substituted with one to three CH_3O-.

15. (original) The compound according to claim 6 wherein Y is $(V'\text{-}L^4)_t\text{-}V\text{-}L^3$-, and

L^3 is a direct bond, -C_1-C_6-hydrocarbyl, -$(C_1$-C_3-hydrocarbyl$)_{m1}$-X'-$(C_1$-C_3- hydrocarbyl$)_{m2}$, -NH-$(C_0$-C_3-hydrocarbyl), (C_1-C_3- hydrocarbyl)-NH-, or -NH-(C_1-C_3- hydrocarbyl)-NH-;

m1 and m2 are independently 0 or 1;

X' is -$N(R^{21})$-, -C(O)$N(R^{21})$-, $N(R^{21})$C(O)-, -O-, or -S-;

R^{21} is -H, V"-$(C_1$-C_6-hydrocarbyl$)_a$;

L^4 is $(C_1$-C_6-hydrocarbyl$)_a$-M-$(C_1$-C_6-hydrocarbyl$)_b$;

a and b are independently 0 or 1;

M is -NH-, -NHC(O)-, -C(O)NH-, -C(O)-, -SO_2-, -$NHSO_2$-, or -SO_2NH-

V, V', and V" are independently selected from cycloalkyl, heterocyclyl, aryl, and heteroaryl;

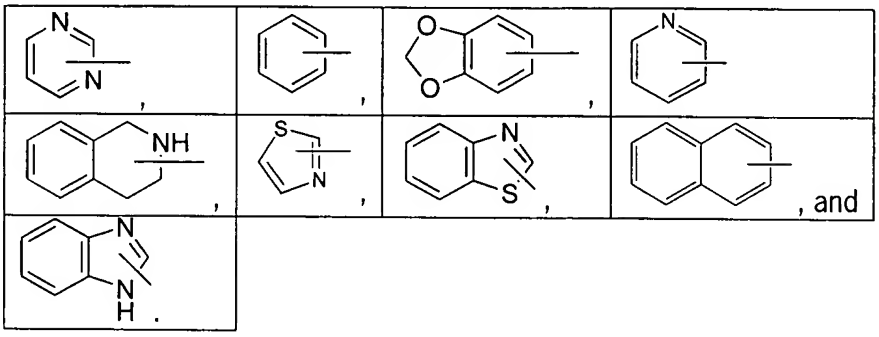
t is 0 or 1.

16. (original) The compound according to claim 15 wherein Y is $V\text{-}L^3$ and

L^3 is -NH-CH- or –CH-NH-;

V is phenyl optionally substituted with from 1 to 3 moieties independently selected from halo, hydroxy, C_1-C_6-hydrocarbyl, C_1-C_6-hydrocarbyl-oxy or -thio (particularly methoxy or methylthio), wherein each of the hydrocarbyl moieties are optionally substituted with one or more moieties independently selected from halo, nitroso, amino, sulfonamido, and cyano.

17. (original) The compound according to claim 16 wherein V is an optionally substituted ring moiety selected from:



18. (original) The compound according to claim 6 wherein

Cy^2 is cycloalkyl, aryl, heteroaryl, or heterocyclyl, each of which optionally is substituted, and each of which optionally is fused to one or more aryl or heteroaryl rings, or to one or more saturated or partially unsaturated cycloalkyl or heterocyclic rings, each of which rings optionally is substituted, provided that when Cy^2 is a cyclic moiety having -C(O)-, -C(S)-, -S(O)-, or -$S(O)_2$- in the ring, then Cy^2 is not additionally substituted with a group comprising an aryl or heteroaryl ring; and

X^1 is selected from the group consisting of a chemical bond, L^3, W^1-L^3, L^3-W^1, W^1-L^3-W^1, and L^3-W^1-L^3, wherein

W^1, at each occurrence, is S, O, or N(R^9), where R^9 is selected from the group consisting of hydrogen, alkyl, aryl, and aralkyl; and

L^3 is C_1-C_4 alkylene, C_2-C_4 alkenylene, or C_2-C_4 alkynylene.

19. (original) The compound according to claim 6 wherein Y is selected from:

a) A_1-L_1-B_1-, wherein A_1 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_1 is –$(CH_2)_{0-1}NH(CH_2)_{0-1}$-, -NHC(O)-, or -$NHCH_2$-; and wherein B_1 is phenyl or a covalent bond;

b) A_2-L_2-B_2-, wherein A_2 is $CH_3(C=CH_2)$-, optionally substituted cycloalkyl, optionally substituted alkyl, or optionally substituted aryl; wherein L_2 is –C≡C-; and wherein B_2 is a covalent bond;

c) A_3-L_3-B_3-, wherein A_3 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_3 is a covalent bond; and wherein B_3 is –CH_2NH-;

d) A_4-L_4-B_4-, wherein A_4 is an optionally substituted aryl; wherein L_4 is –$NHCH_2$-; and wherein B_4 is a thienyl group;

e) A_5-L_5-B_5-, wherein A_5 is an optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_5 is a covalent bond; and wherein B_5 is -SCH_2-;

f) morpholinyl-CH_2-

g) optionally substituted aryl;

h) A_6-L_6-B_6-, wherein A_6 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_6 is a covalent bond; and wherein B_6 is –$NHCH_2$-;

i) A_7-L_7-B_7-, wherein A_7 is an optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_7 is a covalent bond; and wherein B_7 is –CH_2-;

j) optionally substituted heteroaryl or optionally substituted heterocyclyl;

k) A_8-L_8-B_8-, wherein A_8 is optionally substituted phenyl; wherein L_8 is a covalent bond; and wherein B_8 is –O-;

l) A_9-L_9-B_9-, wherein A_9 is an optionally substituted aryl; wherein L_9 is a covalent bond; and wherein B_9 is a furan group;

m) A_{10}-L_{10}-B_{10}-, wherein A_{10} is an optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{10} is –$CH(CH_2CH_3)$-; and wherein B_{10} is –$NHCH_2$-;

n) A_{11}-L_{11}-B_{11}-, wherein A_{11} is an optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{11} is a covalent bond; and wherein B_{11} is –OCH_2-;

o) A_{12}-L_{12}-B_{12}-, wherein A_{12} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{12} is-NHC(O)-; and wherein B_{12} is –N(optionally substituted aryl)CH_2-;

p) A_{13}-L_{13}-B_{13}-, wherein A_{13} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{13} is a covalent bond; and wherein B_{13} is -NHC(O)-;

q) A_{14}-L_{14}-B_{14}-, wherein A_{14} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{14} is-NHC(O)(optionally substituted heteroaryl); and wherein B_{14} is –S-S-;

r) $F_3CC(O)NH$-;

s) A_{15}-L_{15}-B_{15}-, wherein A_{15} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{15} is-$(CH_2)_{0-1}$NH(optionally substituted heteroaryl)-; and wherein B_{15} is –$NHCH_2$-;

t) A_{16}-L_{16}-B_{16}-, wherein A_{16} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{16} is a covalent bond; and wherein B_{16} is –N(optionally substituted alkyl)CH_2-; and

u) A_{17}-L_{17}-B_{17}-, wherein A_{17} is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein L_{17} is a covalent bond; and wherein B_{17} is –(optionally substituted aryl-CH_2)$_2$-N-.

20. (original) The compound according to claim 6 wherein Y is selected from:

a) D_1-E_1-F_1-, wherein D_1 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_1 is –CH_2- or a covalent bond; and wherein F_1 is a covalent bond;

b) D_2-E_2-F_2-, wherein D_2 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_2 is –$NH(CH_2)_{0-2}$-; and wherein F_2 is a covalent bond;

c) D_3-E_3-F_3-, wherein D_3 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_3 is –$(CH_2)_{0-2}$NH-; and wherein F_3 is a covalent bond;

d) D_4-E_4-F_4-, wherein D_4 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_4 is –$S(CH_2)_{0-2}$-; and wherein F_4 is a covalent bond;

e) D_5-E_5-F_5-, wherein D_5 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_5 is $-(CH_2)_{0-2}S-$; and wherein F_5 is a covalent bond; and

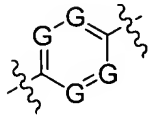
f) D_6-E_6-F_6-, wherein D_6 is an optionally substituted aryl, optionally substituted heteroaryl or optionally substituted heterocyclyl; wherein E_6 is $-NH(CH_2)_{0-2}NH-$; and wherein F_6 is a covalent bond.

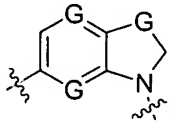
21. (original) The compound according to claim 2 wherein R^2 to R^4 are independently hydrogen, -NH_2, nitro, furanyl, chloro, fluoro, butyl, trifluoromethyl, bromo, thienyl, phenyl, -CHCHC(O)-NH_2, -$C{\equiv}CCH_2$-R^9 wherein R^9 is hydrogen, C_1-C_7-alkyl, hydroxy, amino, or C_1-C_7-alkoxy.

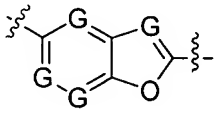
22. (original) The compound according to claim 3 wherein R^2 to R^4 are independently hydrogen, -NH_2, nitro, furanyl, chloro, fluoro, butyl, trifluoromethyl, bromo, thienyl, phenyl, -CHCHC(O)-NH_2, -$C{\equiv}CCH_2$-R^9 wherein R^9 is hydrogen, C_1-C_7-alkyl, hydroxy, amino, or C_1-C_7-alkoxy.

23. (original) The compound according to claim 6 wherein q is 0 and X^1 is independently selected from the group consisting of a –NH-CH_2-, -S-CH_2- and -CH_2-.

24. (original) The compound according to claim 1 wherein Ar^2 has the formula

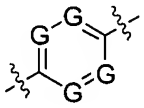


,


or


and wherein G, at each occurrence, is independently N or C, and C is optionally substituted.

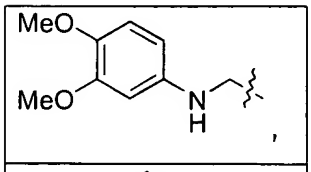
25. (original) The compound according to claim 24 wherein Ar^2 has the formula

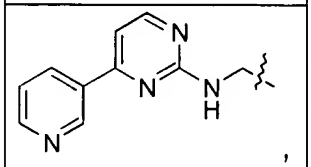


26. (original) The compound according to claim 24 wherein Ar^2 is selected from the group consisting of phenylene, benzofuranylene and indolinylene.

27. (original) The compound according to claim 6 wherein the moiety formed by Cy^2-X^1 is selected from:

-CH_3,


MeO
MeO
N
H
,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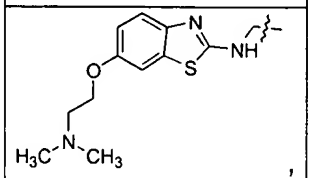
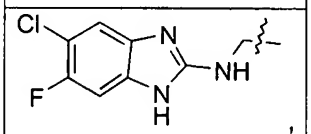
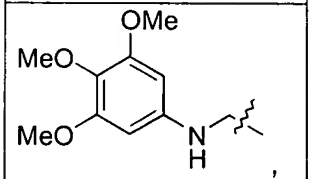
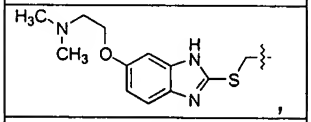
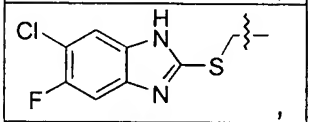
N
N
H
N
,


N
NH
S
O
H3C
N
CH3
,


Cl
N
NH
F
N
H
,


OMe
MeO
MeO
N
H
,


H3C
N
CH3
O
H
N
S
N
,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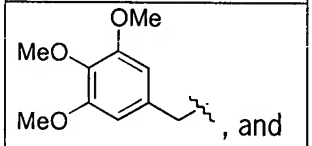
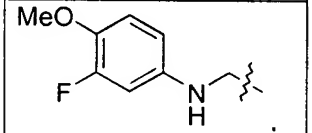
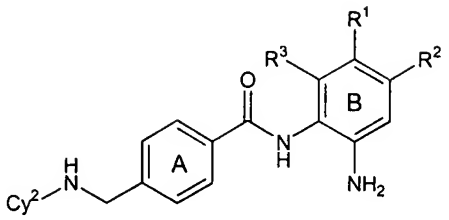

OMe
MeO
MeO
, and


MeO
F
N
H
.

28. (original) The compound of claim 6 of formula (2):



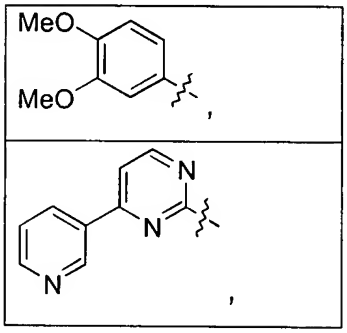
(2)

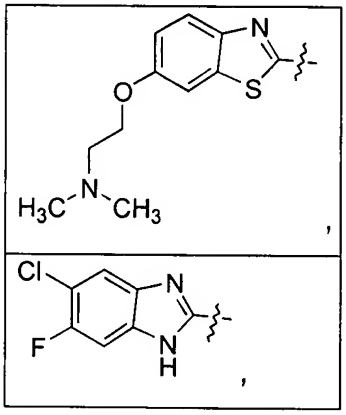
or a pharmaceutically acceptable salt thereof, wherein

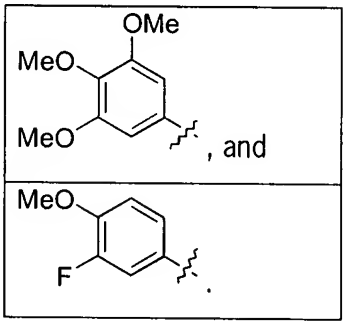
R^2 and R^3 are independently selected from the group consisting of hydrogen, trifluoromethyl, butyl, -$(CH_2)_3$-OH, chloro, fluoro, amino, phenyl, thienyl, furanyl, -CHCCHC(O)NH_2, -C≡CCH_2-OH, -C≡CCH_2-OCH_3; and

the A ring is optionally further substituted with from 1 to 3 substituents independently selected from methyl, hydroxy, methoxy, halo, and amino.

29. (original) The compound according to claim 28 wherein Cy^2 is selected from:







30. (original) The compound according to claim 28 wherein the A ring is not further substituted.

31. (original) The compound according to claim 28 wherein R^2 and R^3 are -H.

32. (original) A compound according to claim 1 selected from:

N-[2-amino-5-(2-thienyl)phenyl]-4-{[(3,4-dimethoxyphenyl)amino]methyl}benzamide;

N-[2-amino-5-(2-thienyl)phenyl]-4-{[(4-pyridin-3-ylpyrimidin-2-yl)amino]methyl}benzamide;

N-[2-amino-5-(2-thienyl)phenyl]-4-[({6-[2-(dimethylamino)ethoxy]-1*H*-benzimidazol-2-yl}thio)methyl]benzamide;

N-[2-amino-5-(2-thienyl)phenyl]-4-{[(5-chloro-6-fluoro-1*H*-benzimidazol-2-yl)amino]methyl}benzamide;

N-[2-amino-5-(2-thienyl)phenyl]-5-{[(3,4,5-trimethoxyphenyl)amino]methyl}-1-benzofuran-2-carboxamide;

N-[2-amino-5-(2-thienyl)phenyl]-1-(3,4,5-trimethoxybenzyl)indoline-6-carboxamide;

trans-*N*-[2-amino-5-(2-thienyl)phenyl]-3-(4-{[(3,4,5-trimethoxyphenyl)amino]methyl}phenyl)acrylamide;

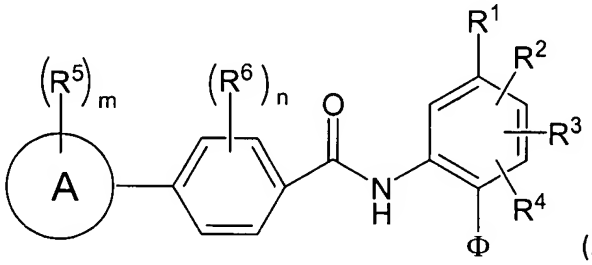
N-[2-amino-5-(2-thienyl)phenyl]-4-{[(3-fluoro-4-methoxyphenyl)amino]methyl}benzamide;

N-[2-amino-5-(2-thienyl)phenyl]-4-{[(6-chloro-5-fluoro-1*H*-benzimidazol-2-yl)thio]methyl}benzamide;

and a pharmaceutically acceptable salt of any one or more of the foregoing.

33. - 54. (Canceled)

55. (Original) A compound of the formula



(3)

or a pharmaceutically acceptable salt or *in vivo* hydrolyzable ester or amide thereof, wherein:

Φ is $-NH_2$ or –OH;

ring *A* is a heterocyclyl, wherein if said heterocyclyl contains an -NH- moiety that nitrogen is optionally substituted by a group selected from K;

R^5 is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{1-6}-alkoxy, C_{1-6}-alkanoyl, C_{1-6}-alkanoyloxy, *N*-(C_{1-6}-alkyl)amino, *N,N*-(C_{1-6}-alkyl)$_2$amino, C_{1-6}-alkanoylamino, *N*-(C_{1-6}-alkyl)carbamoyl, *N,N*-(C_{1-6}-alkyl)$_2$carbamoyl, C_{1-6}-alkyl$S(O)_a$ wherein a is 0 to 2, C_{1-6}-alkoxycarbonyl, *N*-(C_{1-6}-alkyl)sulphamoyl, *N,N*-(C_{1-6}-alkyl)$_2$sulphamoyl, aryl, aryloxy, arylC_{1-6}-alkyl, heterocyclic group, (heterocyclic group)C_{1-6}-alkyl, or a group (B-E-); wherein R^5, including group (B-E-), is optionally substituted on carbon by one or more W; and wherein if said heterocyclic group contains an -NH- moiety that nitrogen is optionally substituted by J;

W is halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{1-6}-alkoxy, C_{1-6}-

alkanoyl, C_{1-6}-alkanoyloxy, *N*-(C_{1-6}-alkyl)amino, *N,N*-(C_{1-6}-alkyl)$_2$amino, C_{1-6}-alkanoylamino, *N*-(C_{1-6}-alkyl)carbamoyl, *N,N*-(C_{1-6}-alkyl)$_2$carbamoyl, C_{1-6}-alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}-alkoxycarbonyl, *N*-(C_{1-6}-alkyl)sulphamoyl, *N,N*-(C_{1-6}-alkyl)$_2$sulphamoyl, or a group (B'-E'-); wherein W, including group (B'-E'-), is optionally substituted on carbon by one or more Y;

Y and *Z* are independently selected from halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{1-6}-alkoxy, C_{1-6}-alkanoyl, C_{1-6}-alkanoyloxy, *N*-(C_{1-6}-alkyl)amino, *N,N*-(C_{1-6}-alkyl)$_2$amino, C_{1-6}-alkanoylamino, *N*-(C_{1-6}-alkyl)carbamoyl, *N,N*-(C_{1-6}-alkyl)$_2$carbamoyl, C_{1-6}-alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}-alkoxycarbonyl, *N*-(C_{1-6}-alkyl)sulphamoyl or *N,N*-(C_{1-6}-alkyl)$_2$sulphamoyl;

G, J and K are independently selected from C_{1-8}-alkyl, C_{1-8}-alkenyl, C_{1-8}-alkanoyl, C_{1-8}-alkylsulphonyl, C_{1-8}-alkoxycarbonyl, carbamoyl, *N*-(C_{1-8}-alkyl)carbamoyl, *N,N*-(C_{1-8}-alkyl)carbamoyl, benzyloxycarbonyl, benzoyl, phenylsulphonyl, aryl, arylC_{1-6}-alkyl or (heterocyclic group)C_{1-6}-alkyl; wherein G, J, and K are optionally substituted on carbon by one or more Q; and wherein if said heterocyclic group contains an -NH- moiety that nitrogen is optionally substituted by hydrogen or C_{16}alkyl;

Q is halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{1-6}-alkoxy, C_{1-6}-alkanoyl, C_{1-6}-alkanoyloxy, *N*-(C_{1-6}-alkyl)amino, *N,N*-(C_{1-6}-alkcyl)$_2$amino, C_{1-6}-alkanoylamino, *N*-(C_{1-6}-alkyl)carbamoyl, *N,N*-(C_{1-6}-alkyl)$_2$carbamoyl, C_{1-6}-alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}-alkoxycarbonyl, C_{1-6}-alkoxycarbonylamino, *N*-(C_{1-6}-alkyl)sulphamoyl, *N,N*-(C_{1-6}-alkyl)$_2$sulphamoyl, aryl, aryloxy, aryl C_{1-6}-alkyl, arylC_{1-6}-alkoxy, heterocyclic group, (heterocyclic group)C_{1-6}-alkyl, (heterocyclic group)C_{1-6}-alkoxy, or a group (B"-E"-); wherein Q, including group (B"-E"-), is optionally substituted on carbon by one or more Z;

B, B' and B" are independently selected from C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{3-8}-cycloalkyl, C_{3-8}-cycloalkylC_{1-6}-alkyl, aryl, arylC_{1-6}-alkyl, heterocyclic group, (heterocyclic group)C_{1-6}-alkyl, phenyl or phenylC_{1-6}-alkyl; wherein B, B' and B" is optionally substituted on carbon by one or more D; and wherein if said heterocyclic group contains an -NH- moiety that nitrogen is optionally substituted by a group selected from G;

E, E' and E" are independently selected from -N(R^a)-, -O-, -C(O)O-, -OC(O)-, -C(O)-, -N(R^a)C(O)-, -N(R^a)C(O)N(R^b)-, -N(R^a)C(O)O-, -OC(O)N(R^a)-, -C(O)N(R^a)-, S(O)$_r$, -SO_2N(R^a)-, -N(R^a)SO_2- wherein

R^a and R^b are independently selected from hydrogen or C_{1-6}-alkyl optionally substituted by one or more F and r is 0-2;

D and F are independently selected from halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}-alkyl, C_{2-6}-alkenyl, C_{2-6}-alkynyl, C_{1-6}-alkoxy, C_{1-6}-alkanoyl, C_{1-6}-alkanoyloxy, *N*-(C_{1-6}-alkyl)amino, *N,N*-(C_{1-6}-alkyl)$_2$amino, C_{1-6}-alkanoylamino, *N*-(C_{1-6}-alkyl)carbamoyl, *N,N*-(C_{1-6}-alkyl)$_2$carbamoyl, C_{1-6}-alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}-alkoxycarbonyl, *N*-(C_{1-6}-alkyl)sulphamoyl or *N,N*-(C_{1-6}-alkyl)$_2$sulphamoyl;

m is 0, 1, 2, 3 or 4; wherein the values of R^5 may be the same or different;

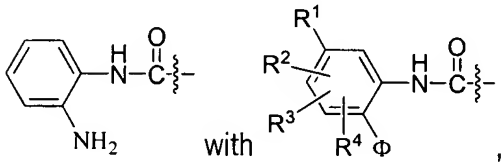
R^6 is halo;

n is 0, 1 or 2; wherein the values of R^6 are the same or different; and

R^1, R^2, R^3, and R^4 are as defined in claim 1.

56. – 58. (Canceled)

59. (Original) The compound of claim 55 that is selected from one of the compounds from Tables 1-8 and 13 of WO 03/087057 modified by replacing the terminal moiety:

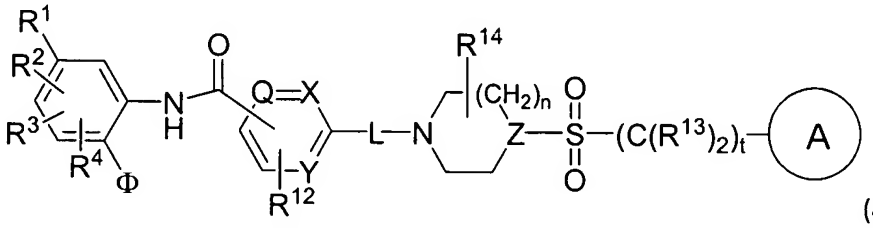


with

, wherein Φ, R^1, R^2, R^3, and R^4 are as defined in claim 1.

60. – 81. (Canceled)

82. (Original) A compound of the formula:



(4)

the N-oxide forms, the pharmaceutically acceptable addition salts or the stereo-chemically isomeric forms thereof, wherein

Φ is $-NH_2$ or $-OH$;

n is 0,1, 2 or 3, wherein when n is 0 then a direct bond is intended;

t is 0, 1, 2, 3 or 4, wherein when t is 0 then a direct bond is intended;

Q, X, Y, and Z are independently N or CH;

R^1 is H or as defined in claim 1;

R^2, R^3, and R^4 are as defined in claim 1;

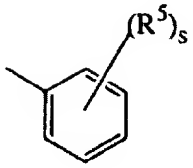
R^{12} is hydrogen, halo, hydroxy, amino, nitro, C_{1-6}-alkyl, C_{1-6}-alkyloxy, trifluoromethyl, di(C_{1-6}-alkyl)amino, hydroxyamino and naphthalenylsulfonylpyrazinyl;

-L- is a direct bond or a bivalent radical selected from C_{1-6}-alkanediyl, amino, carbonyl and aminocarbonyl;

each R^{13} is a hydrogen atom, wherein when t is 2, 3, or 4 one of the R^{13} is optionally aryl;

R^{14} is hydrogen, hydroxy, amino, hydroxyC_{1-6}-alkyl, C_{1-6}-alkyl, C_{1-6}-alkyloxy,arylC_{1-6}-alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}-alkyl, aminocarbonylC_{1-6}-alkyl, hydroxycarbonylC_{1-6}-alkyl, hydroxyaminocarbonyl, C_{1-6}-alkyloxycarbonyl, C_{1-6}-alkylaminoC_{1-6}-alkyl or di(C_{1-6}-alkyl)aminoC_{1-6}-alkyl;

Ring A is selected from



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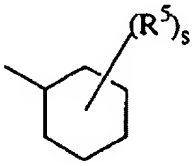

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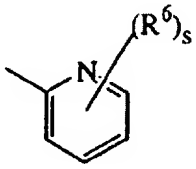

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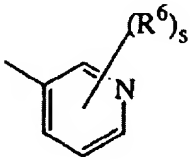

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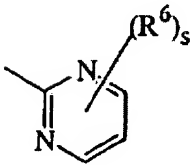

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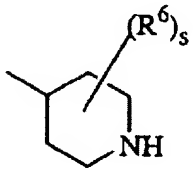

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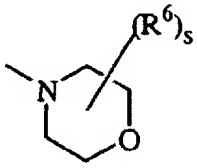

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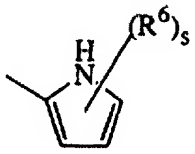

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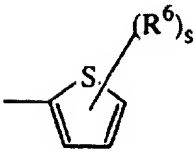

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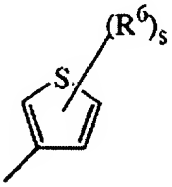

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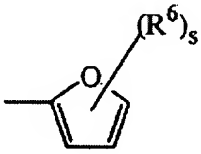

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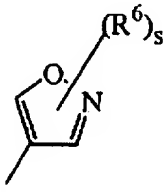

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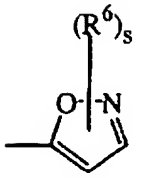

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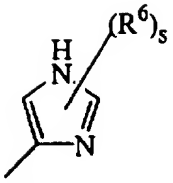

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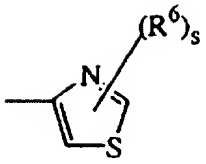

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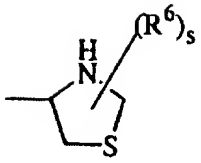

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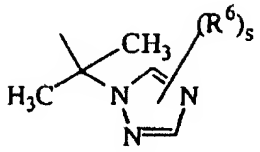

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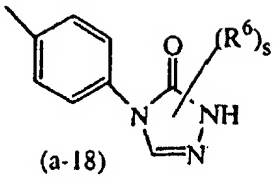

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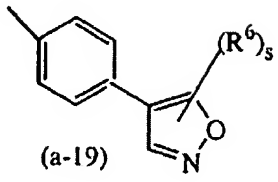

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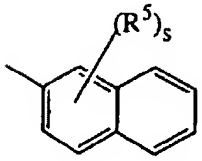

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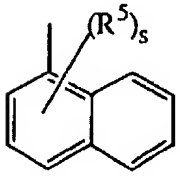

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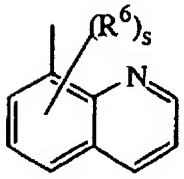

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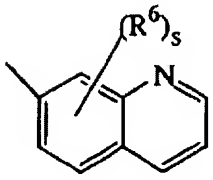

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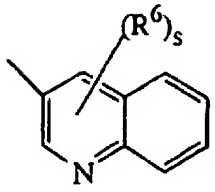

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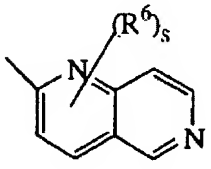

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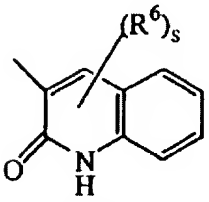

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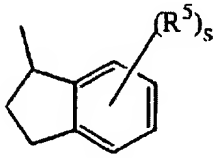

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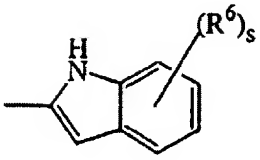

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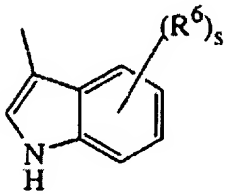

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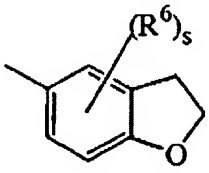

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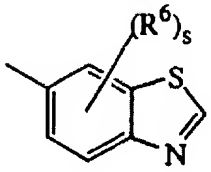

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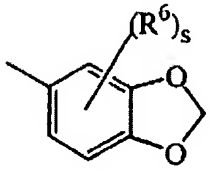

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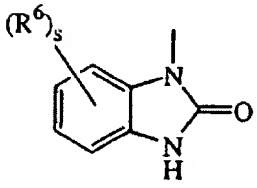

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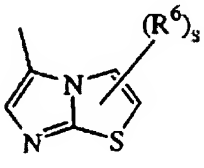

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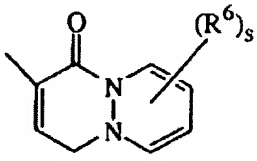

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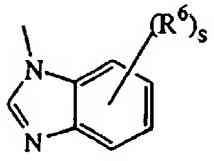
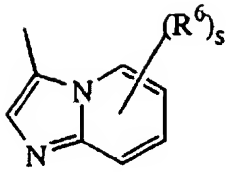
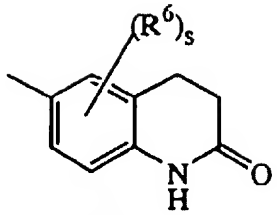


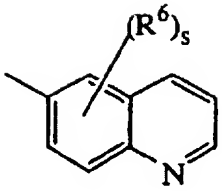
(a-36)



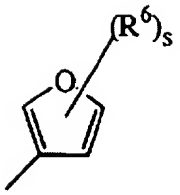
(a-37)



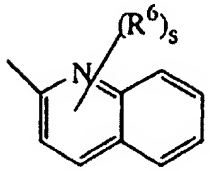
(a-38)



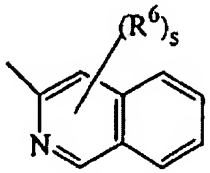
(a-39)



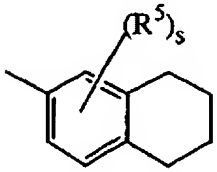
(a-40)



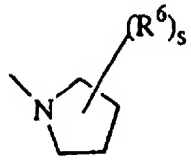
(a-41)



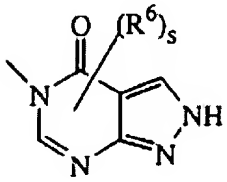
(a-42)



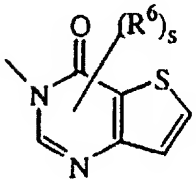
(a-43)



(a-44)



(a-45)



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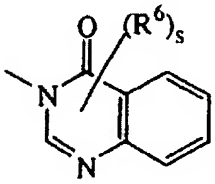
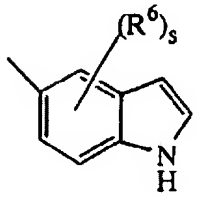
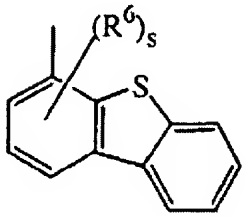


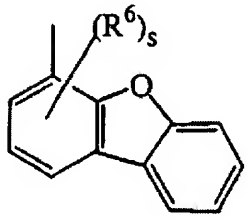
(a-47)



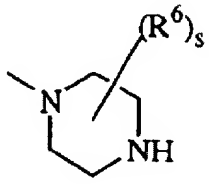
(a-48)



(a-49)



(a-50)



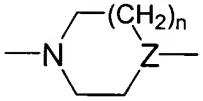
(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}-alkyl; trihaloC_{1-6}-alkyloxy; C_{1-6}-alkyl; C_{1-6}-alkyl substituted with aryl and C_{3-10}-cycloalkyl; C_{1-6}-alkyloxy; C_{1-6}-alkyloxyC_{1-6}-alkyloxy; C_{1-6}-alkylcarbonyl; C_{1-6}-alkyloxycarbonyl; C_{1-6}-alkylsulfonyl; cyanoC_{1-6}-alkyl; hydroxyC_{1-6}-alkyl; hydroxyC_{1-6}-alkyloxy; hydroxyC_{1-6}-alkylamino; aminoC_{1-6}-alkyloxy; di(C_{1-6}-alkyl)aminocarbonyl; di(hydroxyC_{1-6}-alkyl)amino; (aryl)(C_{1-6}-alkyl)amino; di(C_{1-6}-alkyl)aminoC_{1-6}-alkyloxy; di(C_{1-6}-alkyl)aminoC_{1-6}-alkylamino; di(C_{1-6}-alkyl)aminoC_{1-6}-alkylaminoC_{1-6}-alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}-alkyl; arylC_{2-6}-alkenediyl; di(C_{1-6}-alkyl)amino; di(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; di(C_{1-6}-alkyl)amino(C_{1-6}-alkyl)amino; di(C_{1-6}-alkyl)amino(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; di(C_{1-6}-

alkyl)aminoC_{1-6}-alkyl(C_{1-6}-alkyl)amino; di(C_{1-6}-alkyl)aminoC_{1-6}-alkyl(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; aminosulfonylamino(C_{1-6}-alkyl)amino; aminosulfonylamino(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; di(C_{1-6}-alkyl)aminosulfonylamino(C_{1-6}-alkyl)amino; di(C_{1-6}-alkyl)aminosulfonylamino(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}-alkyl)aminoC_{1-6}-alkyl(C_{1-6}-alkyl)aminoC_{1-6}-alkyl, di(C_{1-6}-alkyl)aminoC_{1-6}-alkyl, C_{1-6}-alkylpiperazinylC_{1-6}-alkyl, hydroxyC_{1-6}-alkylpiperazinylC_{1-6}-alkyl, hydroxyC_{1-6}-alkyloxyC_{1-6}-alkylpiperazinylC_{1-6}-alkyl, di(C_{1-6}-alkyl)aminosulfonylpiperazinylC_{1-6}-alkyl, C_{1-6}-alkyloxypiperidinyl, C_{1-6}-alkyloxypiperidinylC_{1-6}-alkyl, morpholinylC_{1-6}-alkyl, hydroxyC_{1-6}-alkyl(C_{1-6}-alkyl)aminoC_{1-6}-alkyl, or di(hydroxyC_{1-6}-alkyl)aminoC_{1-6}-alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}-alkyl; benzofuranyl; imidazolyl; oxazolyl; oxazolyl substituted with aryl and C_{1-6}-alkyl; C_{1-6}-alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}-alkyloxy; morpholinyl; C_{1-6}-alkylmorpholinyl; morpholinylC_{1-6}-alkyloxy; morpholinylC_{1-6}-alkyl; morpholinylC_{1-6}-alkylamino; morpholinylC_{1-6}-alkylaminoC_{1-6}-alkyl; piperazinyl; C_{1-6}-alkylpiperazinyl; C_{1-6}-alkylpiperazinylC_{1-6}-alkyloxy; piperazinylC_{1-6}-alkyl; naphthalenylsulfonylpiperazinyl; naphthalenylsulfonylpiperidinyl; naphthalenylsulfonyl; C_{1-6}-alkylpiperazinylC_{1-6}-alkyl; C_{1-6}-alkylpiperazinylC_{1-6}-alkylamino; C_{1-6}-alkylpiperazinylC_{1-6}-alkylaminoC_{1-6}-alkyl; C_{1-6}-alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}-alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}-alkyl; di(C_{1-6}-alkyl)aminosulfonylpiperazinyl; di(C_{1-6}-alkyl)aminosulfonylpiperazinylC_{1-6}-alkyl; hydroxyC_{1-6}-alkylpiperazinyl; hydroxyC_{1-6}-alkylpiperazinylC_{1-6}-alkyl; C_{1-6}-alkyloxyperidinyl; C_{1-6}-alkyloxypiperidinylC_{1-6}-alkyl; piperidinylaminoC_{1-6}-alkylamino; piperidinylaminoC_{1-6}-alkylaminoC_{1-6}-alkyl; (C_{1-6}-alkylpiperidinyl)(hydroxyC_{1-6}-alkyl)aminoC_{1-6}-alkylamino; (C_{1-6}-alkylpiperidinyl)(hydroxyC_{1-6}-alkyl)aminoC_{1-6}-alkylaminoC_{1-6}-alkyl; hydroxyC_{1-6}-alkyloxyC_{1-6}-alkylpiperazinyl; hydroxyC_{1-6}-alkyloxyC_{1-6}-alkylpiperazinylC_{1-6}-alkyl; (hydroxyC_{1-6}-alkyl)(C_{1-6}-alkyl)amino; (hydroxyC_{1-6}-alkyl)(C_{1-6}-alkyl)aminoC_{1-6}-alkyl; hydroxyC_{1-6}-alkylaminoC_{1-6}-alkyl; di(hydroxyC_{1-6}-alkyl)aminoC_{1-6}-alkyl; pyrrolidinylC_{1-6}-alkyl; pyrrolidinylC_{1-6}-alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}-alkyl and trihaloC_{1-6}-alkyl; pyridinyl; pyridinyl substituted with C_{1-6}-alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}-alkyl; quinolinyl; indolyl; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro,C_{1-6}-alkyl, C_{1-6}-alkyloxy, hydroxyC_{1-4}-alkyl, trifluoromethyl,

trifluoromethyloxy, hydroxyC_{1-4}-alkyloxy, C_{1-4}-alkylsulfonyl, C_{1-4}-alkyloxyC_{1-4}-alkyloxy, C_{1-4}-alkyloxycarbonyl,aminoC_{1-4}-alkyloxy, di(C_{1-4}-alkyl)aminoC_{1-4}-alkyloxy, di(C_{1-4}-alkyl)amino, di(C_{1-4}-alkyl)aminocarbonyl, di(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, di(C_{1-4}-alkyl)aminoC_{1-4}-alkylaminoC_{1-4}-alkyl, di(C_{1-4}-alkyl)amino(C_{1-4}-alkyl)amino, di(C_{1-4}-alkyl)amino(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, di(C_{1-4}-alkyl)aminoC_{1-4}-alkyl(C_{1-4}-alkyl)amino, di(C_{1-4}-alkyl)aminoC_{1-4}-alkyl(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, aminosulfonylamino(C_{1-4}-alkyl)amino, aminosulfonylamino(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, di(C_{1-4}-alkyl)aminosulfonylamino(C_{1-4}-alkyl)amino, di(C_{1-4}-alkyl)aminosulfonylamino(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, cyano, piperidinylC_{1-4}-alkyloxy, pyrrolidinylC_{1-4}-alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}-alkyl, di(C_{1-4}-alkyl)aminosulfonylpiperazinyl, di(C_{1-4}-alkyl)aminosulfonylpiperazinylC_{1-4}-alkyl, hydroxyC_{1-4}-alkylpiperazinyl, hydroxyC_{1-4}-alkylpiperazinylC_{1-4}-alkyl, C_{1-4}-alkyloxypiperidinyl, C_{1-4}-alkyloxypiperdinylC_{1-4}-alkyl, hydroxyC_{1-4}-alkyloxyC_{1-4}-alkylpiperazinyl,hydroxyC_{1-4}-alkyloxyC_{1-4}-alkylpiperazinylC_{1-4}-alkyl, (hydroxyC_{1-4}-alkyl)(C_{1-4}-alkyl)amino, (hydroxyC_{1-4}-alkyl)(C_{1-4}-alkyl)aminoC_{1-4}-alkyl, di(hydroxyC_{1-4}-alkyl)amino, di(hydroxyC_{1-4}-alkyl)aminoC_{1-4}-alkyl, furanyl, furanyl substituted with-CH=CH-CH=CH-, pyrrolidinylC_{1-4}-alkyl, pyrrolidinylC_{1-4}-alkyloxy, morpholinyl, morpholinylC_{1-4}-alkyloxy, morpholinylC_{1-4}-alkyl,morpholinylC_{1-4}-alkylamino, morpholinylC_{1-4}-alkylaminoC_{1-4}-alkyl, piperazinyl, C_{1-4}-alkylpiperazinyl, C_{1-4}-alkylpiperazinylC_{1-4}-alkyloxy, piperazinylC_{1-4}-alkyl, C_{1-4}-alkylpiperazinylC_{1-4}-alkyl, C_{1-4}-alkylpiperazinylC_{1-4}-alkylamino, C_{1-4}-alkylpiperazinylC_{1-4}-alkylaminoC_{1-6}-alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}-alkyl, piperidinylaminoC_{1-4}-alkylamino, piperidinylaminoC_{1-4}-alkylaminoC_{1-4}-alkyl, (C_{1-4}-alkylpiperidinyl)(hydroxyC_{1-4}-alkyl)aminoC_{1-4}-alkylamino, (C_{1-4}-alkylpiperidinyl)(hydroxyC_{1-4}-alkyl)aminoC_{1-4}-alkylaminoC_{1-4}-alkyl, pyridinylC_{1-4}-alkyloxy, hydroxyC_{1-4}-alkylamino, hydroxyC_{1-4}-alkylaminoC_{1-4}-alkyl, di(C_{1-4}-alkyl)aminoC_{1-4}-alkylamino, aminothiadiazolyl,aminosulfonylpiperazinylC_{1-4}-alkyloxy, and thiophenylC_{1-4}-alkylamino; the central moiety



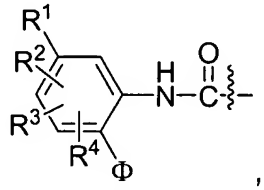
is optionally bridged (*i.e.*, forming a bicyclic moiety) with a methylene, ethylene or propylene bridge;

each R^5 and R^6 can be placed on the nitrogen in replacement of the hydrogen;

aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}-alkyl, C_{1-6}-alkyloxy, trifluoromethyl, cyano, and hydroxycarbonyl.

83. – 88. (Canceled)

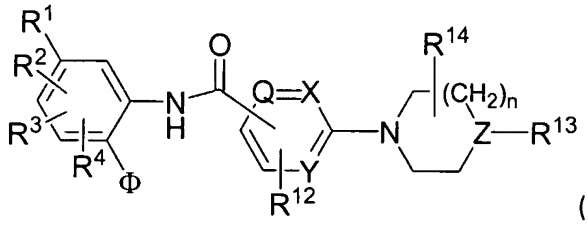
89. (Original) The compound of claim 82 that is selected from one of the compounds of pages 21 and 22 and Table F-1 of WO 03/076422 wherein the terminal hydroxamic acid moiety (HO-NH-C(O)-) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in claim 1.

90. – 111. (Canceled)

112. (Original) A compound of the formula:



(5)

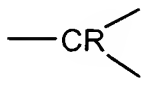
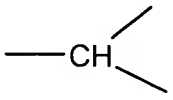
or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or –OH;

R^1 is H or as defined in paragraph claim 1;

R^2, R^3, and R^4 are as defined in paragraph claim 1;

n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

Q is nitrogen or  ,  , or  ;

X is nitrogen or  ;

Y is nitrogen or  ;

Z is nitrogen or  ;

R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

R^{12} is hydrogen, halo, hydroxy, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, di(C_{1-6}alkyl)amino, hydroxyamino or naphtalenylsulfonylpyrazinyl;

R^{13} is hydrogen, C_{1-6}alkyl, arylC_{2-6}alkenediyl, furanylcarbonyl, naphtalenylcarbonyl, -C(O)phenylR^9, C_{1-6}alkylaminocarbonyl, aminosulfonyl, arylaminosulfonyl, aminosulfonylamino, di(C_{1-6}alkyl)aminosulfonylamino, arylaminosulfonylamino, aminosulfonylaminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminosulfonylaminoC_{1-6}alkyl, arylaminosulfonylaminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-12}alkylsulfonyl, di(C_{1-6}alkyl)aminosulfonyl, trihaloC_{1-6}alkylsulfonyl, di(aryl)C_{1-6}alkylcarbonyl, thiophenylC_{1-6}alkylcarbonyl, pyridinylcarbonyl or arylC_{1-6}alkylcarbonyl

wherein each R^9 is independently selected from phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, hydroxyC_{1-4}alkyloxy, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyloxy, or morpholinylC_{1-4}alkyl; thiophenyl; or thiophenyl substituted with di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, pyrrolidinylC_{1-4}alkyloxy, C_{1-4}alkylpiperazinylC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl or morpholinylC_{1-4}alkyloxy.

R^{14} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;

when R^{13} & R^{14} are present on the same carbon atom, R^{13} & R^{14} together may form a bivalent radical of formula

$-C(O)-NH-CH_2-NR^{10}-$ (a-1)

wherein R^{10} is hydrogen or aryl;

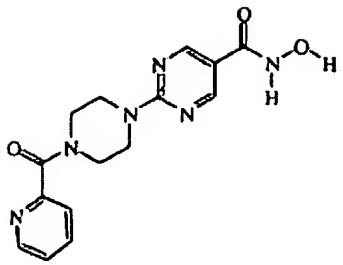
when R^{13} & R^{14} are present on adjacent carbon atoms, R^{13} & R^{14} together may form a bivalent radical of formula

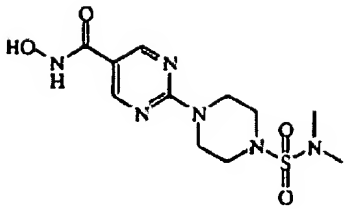
$=CH-CH=CH-CH=$ (b-1);

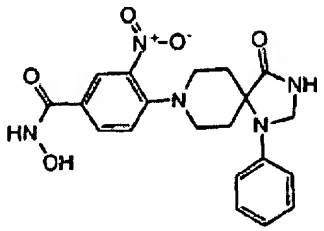
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

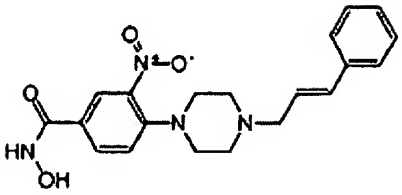
113. – 119. (Canceled)

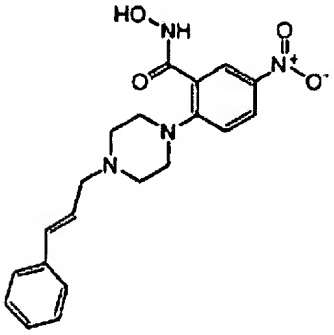
120. (Original) The compound of claim 112 that is selected from one of

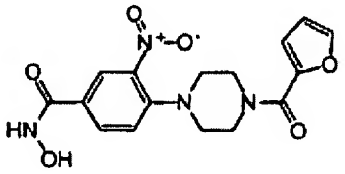


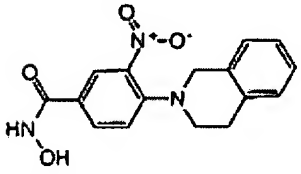


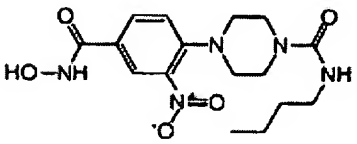


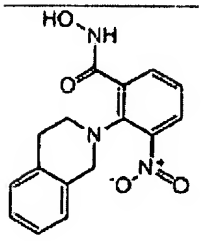


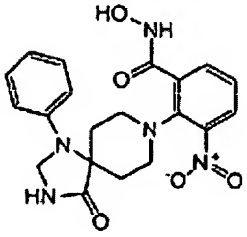


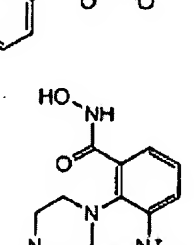


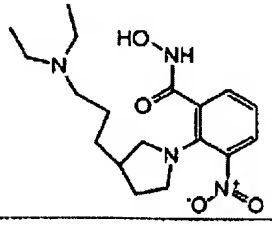


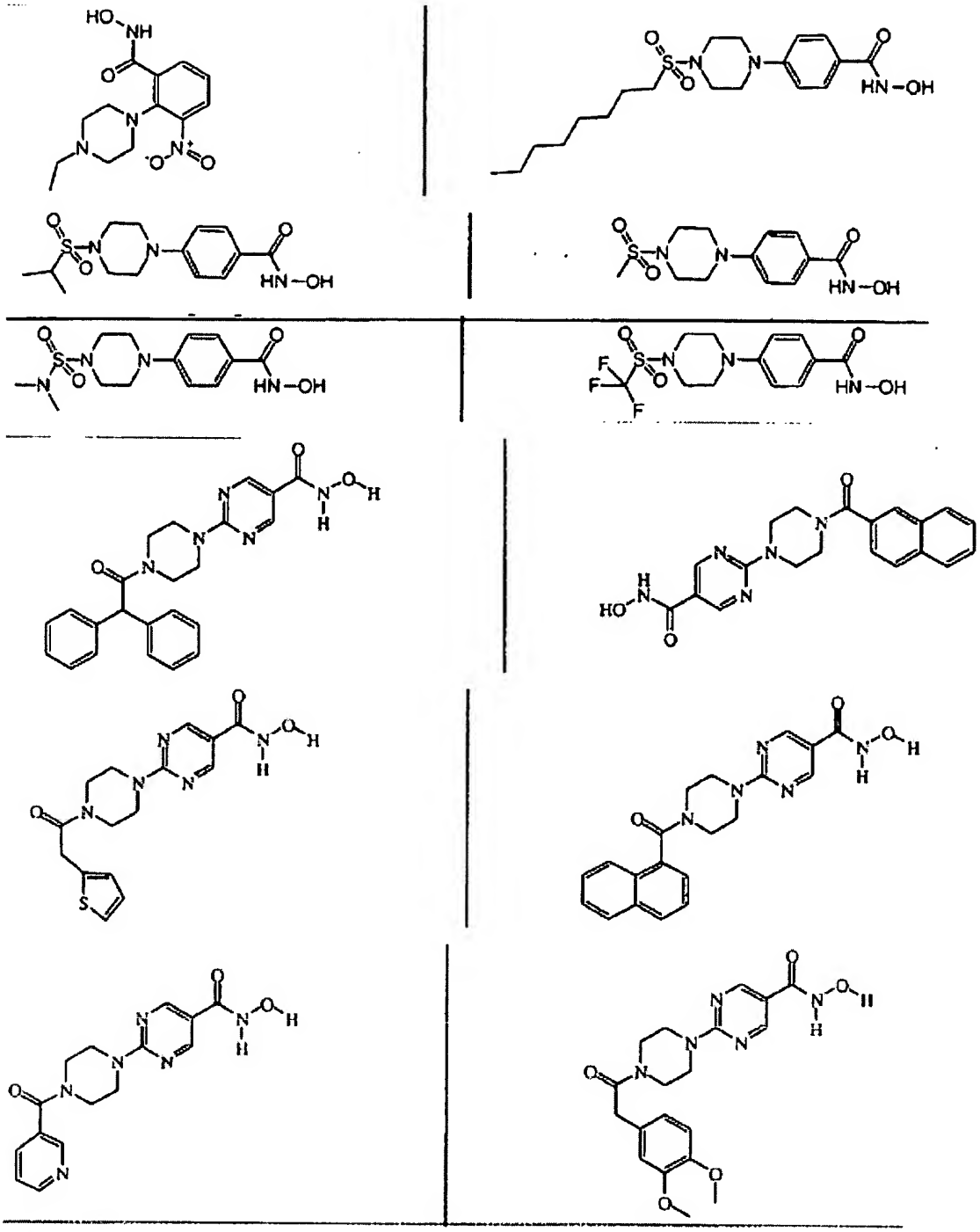




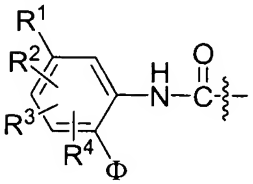








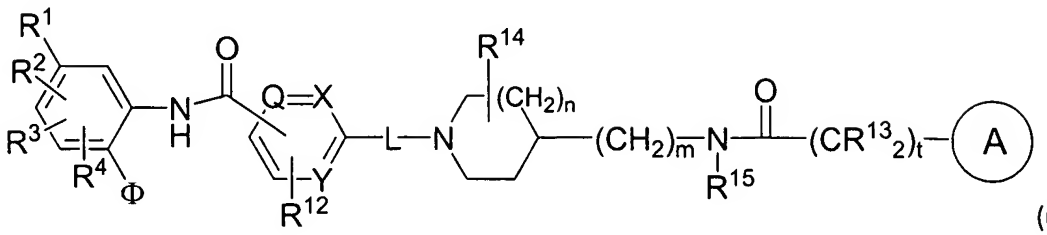
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

121. – 142. (Canceled)

143. (Original) A compound of the formula:



(6)

or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or –OH;

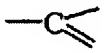
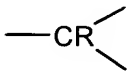
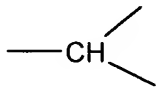
R^1 is H or as defined in claim 1;

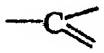
R^2, R^3, and R^4 are as defined in claim 1;

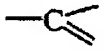
n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

m is 0 or 1 and when m is 0 then a direct bond is intended;

t is 0, 1, 2, 3 or 4 and when t is 0 then a direct bond is intended;

Q is nitrogen or  ,  , or  ;

X is nitrogen or  ;

Y is nitrogen or  ;

R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

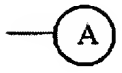
R^{12} is hydrogen, halo, hydroxy, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, di(C_{1-6}alkyl)amino, hydroxyamino or naphtalenylsulfonylpyrazinyl;

-L- is a direct bond or a bivalent radical selected from C_{1-6}alkanediyl, C_{1-6}alkanediyloxy, amino, carbonyl or aminocarbonyl;

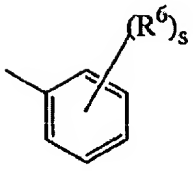
each R^{13} is independently represents a hydrogen atom and one hydrogen atom can be replaced by a substituent selected from aryl;

R^{14} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;

R^{15} is hydrogen, C_{1-6}alkyl, C_{3-10}cycloalkyl, hydroxyC_{1-6}alkyl, C_{1-6}alkyloxyC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl or aryl;



is a radical selected from



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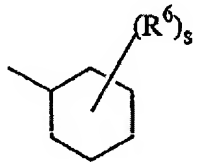

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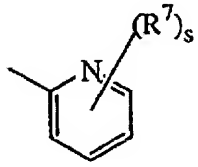

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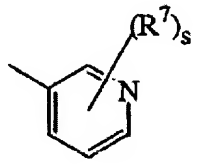

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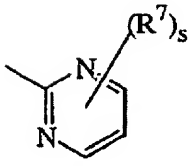

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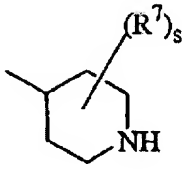

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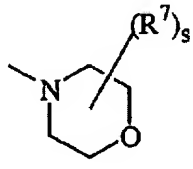

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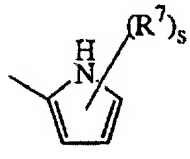

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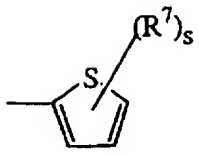

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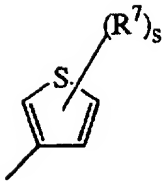

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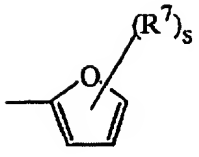

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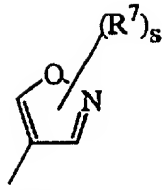

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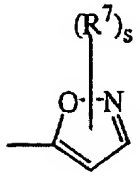

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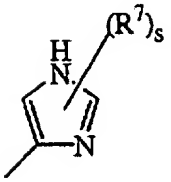

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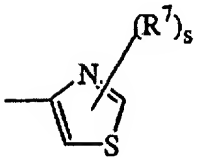

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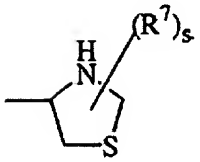

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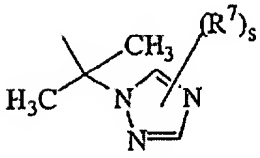

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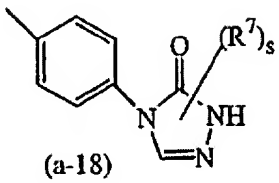

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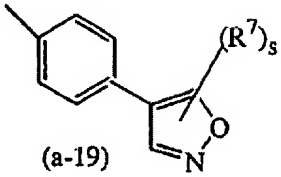

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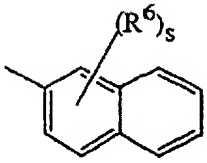

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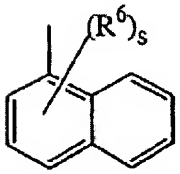

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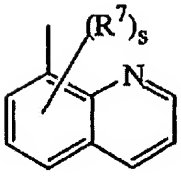

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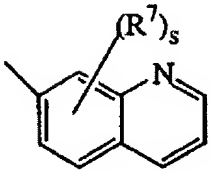

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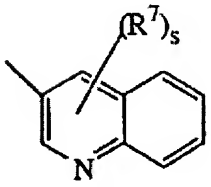

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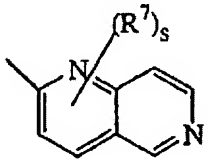

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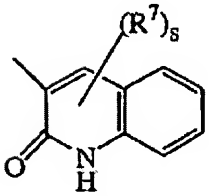

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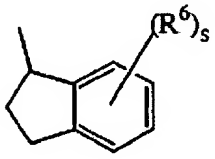

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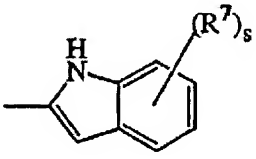

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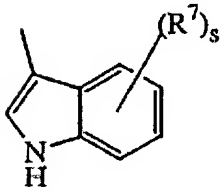

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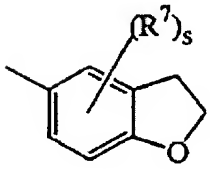

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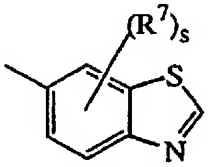

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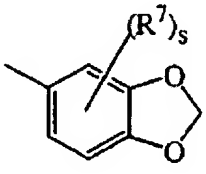

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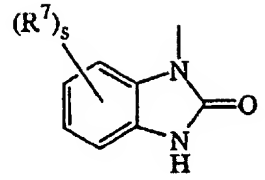
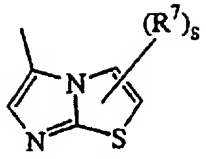
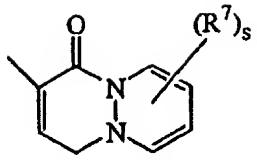


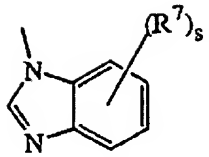
(a-33)



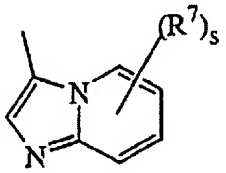
(a-34)



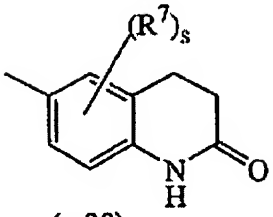
(a-35)



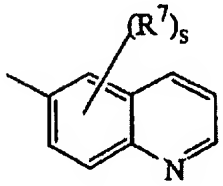
(a-36)



(a-37)



(a-38)



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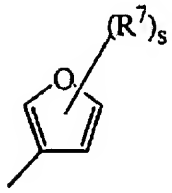

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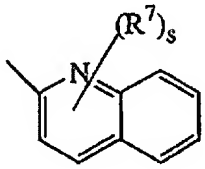
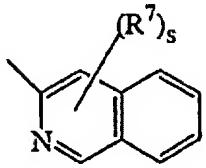
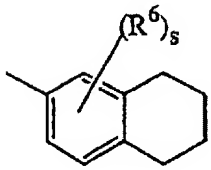


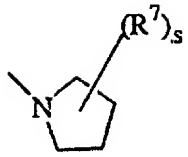
(a-41)



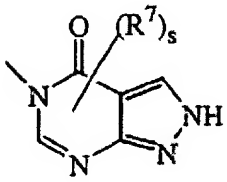
(a-42)



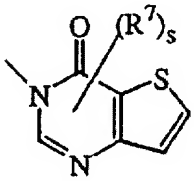
(a-43)



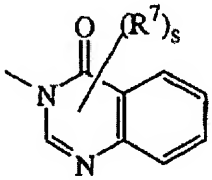
(a-44)



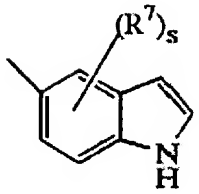
(a-45)



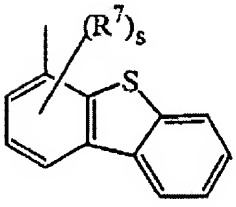
(a-46)



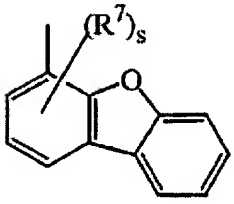
(a-47)



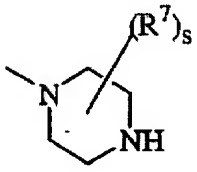
(a-48)



(a-49)



(a-50)



(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^6 and R^7 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl; hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl; aminosulfonylamino(C_{1-6}alkyl)amino; aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl,

di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl, C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl, hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl; oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl; morpholinylC_{1-6}alkyloxy; morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino; morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl; C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl; naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl; C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino; C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl; di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl; hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indole; phenyl; phenyl substituted with one, two or three substituents

independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy, C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino,

di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy; aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl, C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl,

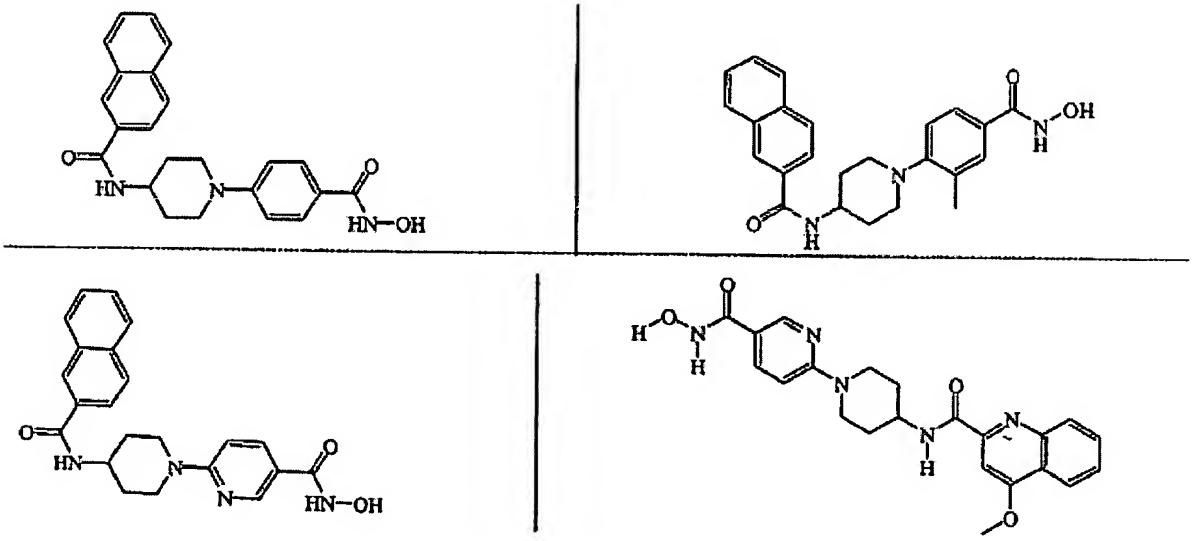
morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy, hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

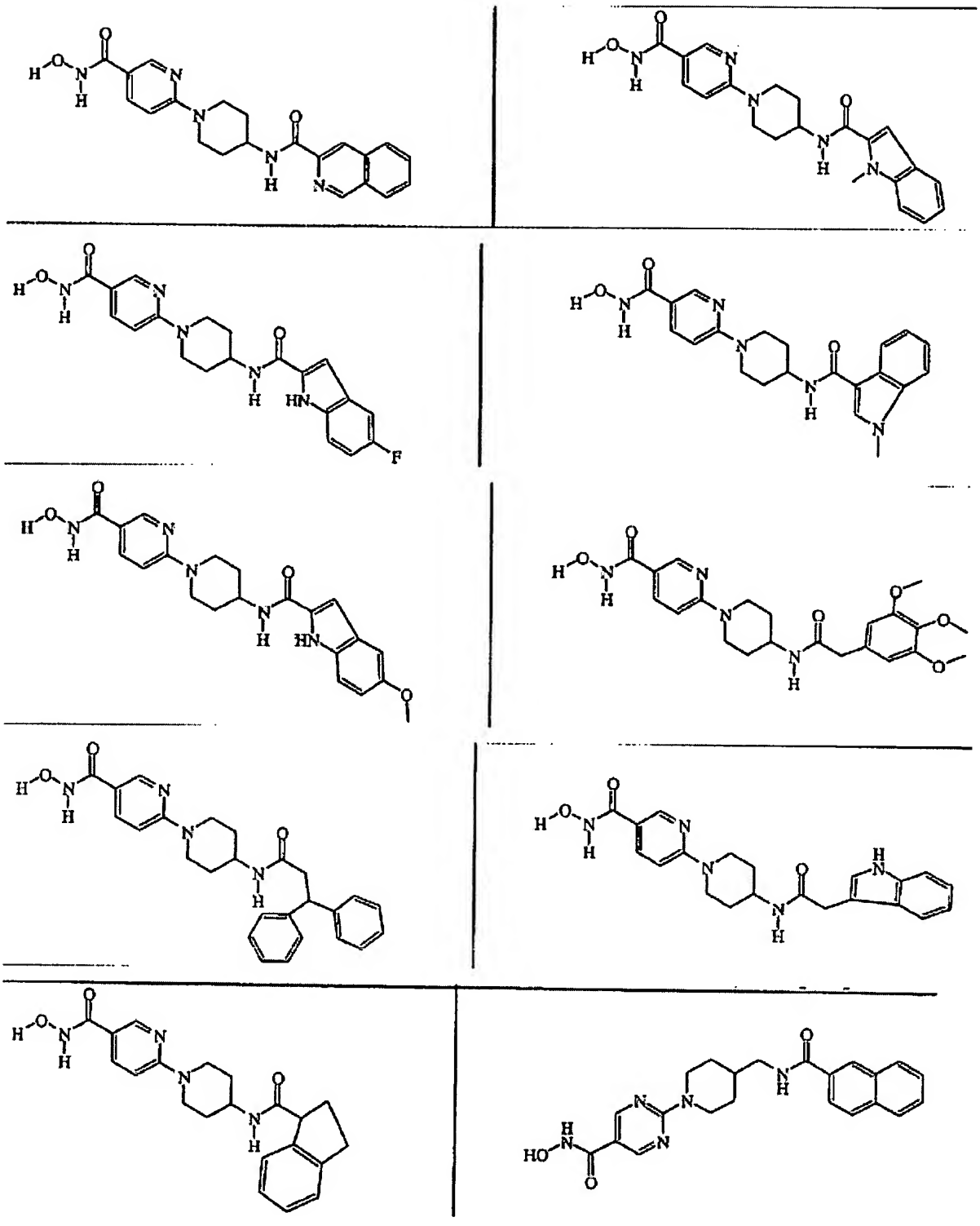
each R^6 and R^7 can be placed on the nitrogen in replacement of the hydrogen;

aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

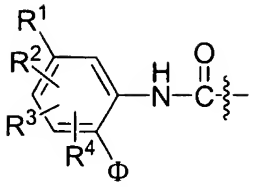
144. – 147. (Canceled)

148. (Original) The compound of claim 143 that is selected from one of





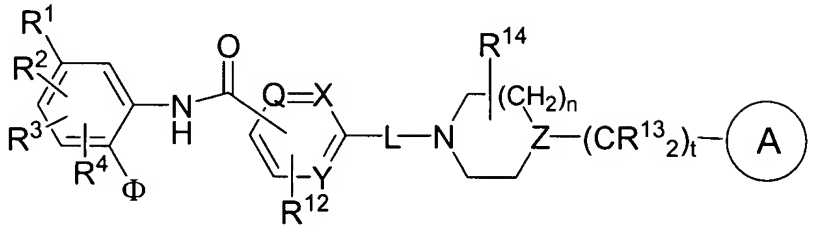
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim1.

149. – 171. (Canceled)

172. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

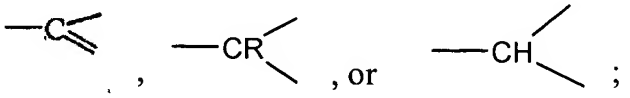
Φ is $-NH_2$ or –OH;

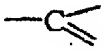
R^1 is H or as defined in claim 1;

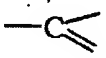
R^2, R^3, and R^4 are as defined in claim 1;

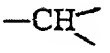
n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

t is 0, 1, 2, 3 or 4 and when t is 0 then a direct bond is intended;

Q is nitrogen or  ;

X is nitrogen or  ;

Y is nitrogen or  ;

Z is nitrogen or  ;

R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine,

C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

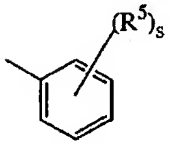
R^{12} is hydrogen, halo, hydroxy, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, di(C_{1-6}alkyl)amino, hydroxyamino or naphtalenylsulfonylpyrazinyl;

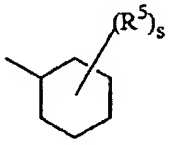
-L- is a direct bond or a bivalent radical selected from C_{1-6}alkanediyl, C_{1-6}alkyloxy, amino, carbonyl or aminocarbonyl;

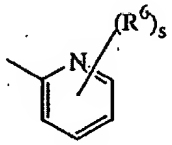
each R^{13} independently represents a hydrogen atom and one hydrogen atom can be replaced by a substituent selected from aryl;

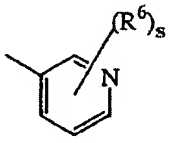
R^{14} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;


is a radical selected from


(a-1)


(a-2)


(a-3)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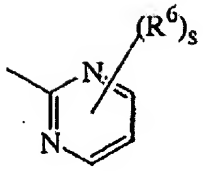
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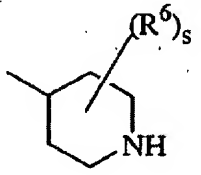
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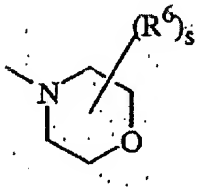
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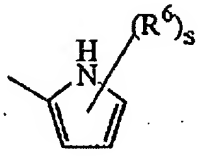
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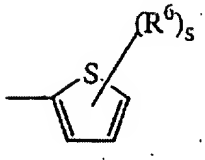
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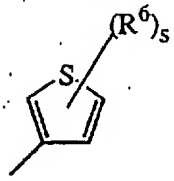
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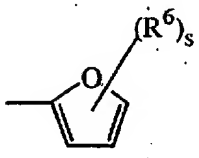
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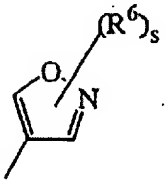
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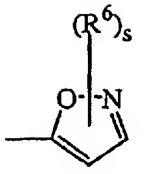

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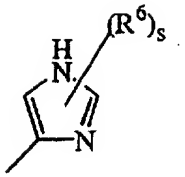

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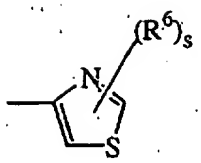

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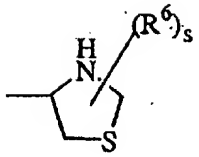

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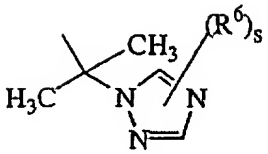

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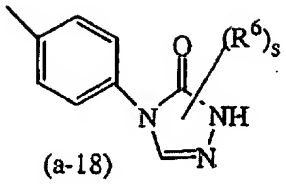

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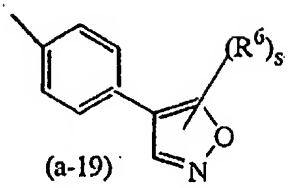

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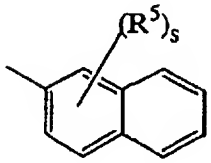

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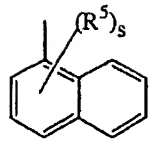

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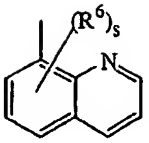

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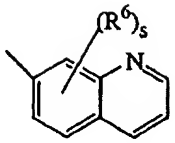

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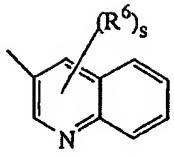

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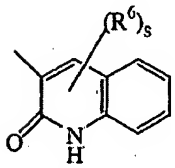
(a-25)



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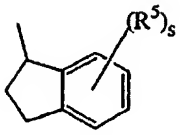

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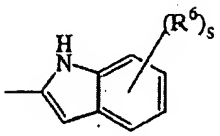

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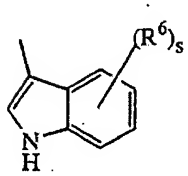

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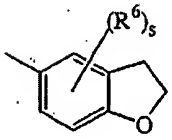

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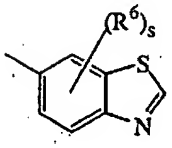

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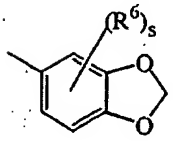

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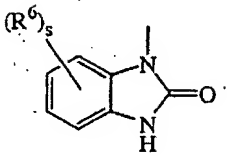

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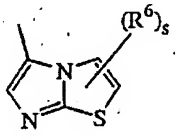

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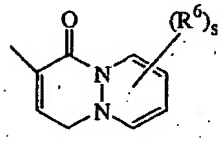

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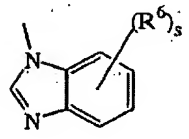

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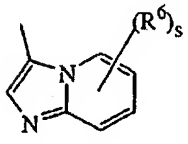

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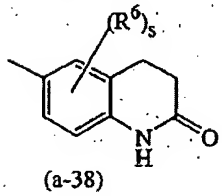

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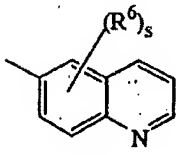

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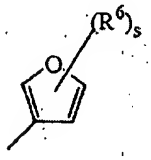

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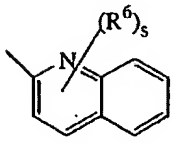

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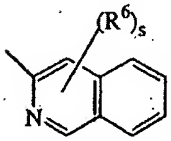

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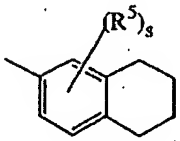

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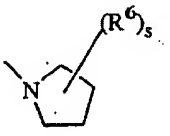

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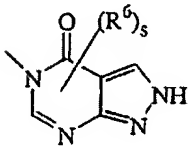

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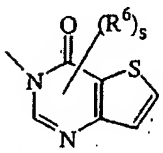

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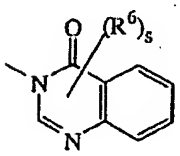

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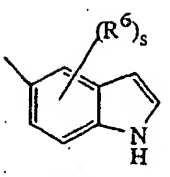

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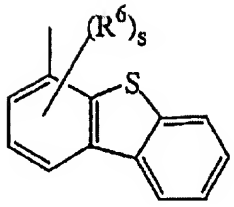

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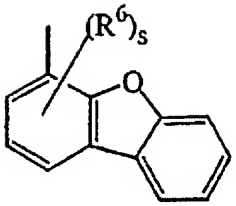

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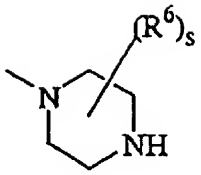


(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl; hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl; aminosulfonylamino(C_{1-6}alkyl)amino; aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino;

di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl, C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl, hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl; oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl; morpholinylC_{1-6}alkyloxy; morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino; morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl; C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl; naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl; C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino; C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl; di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl;

hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indole; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy, C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl,

C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl, morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy,

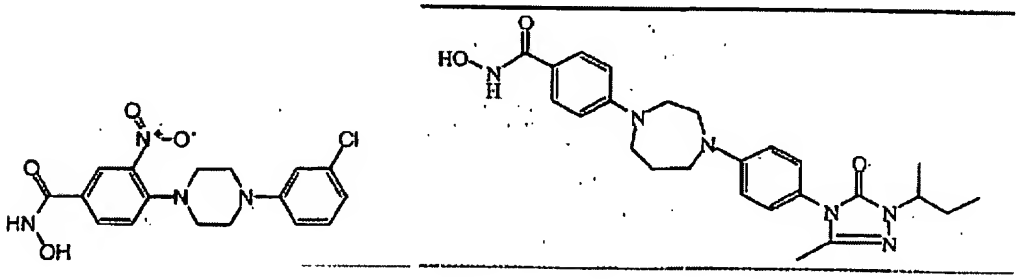
hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

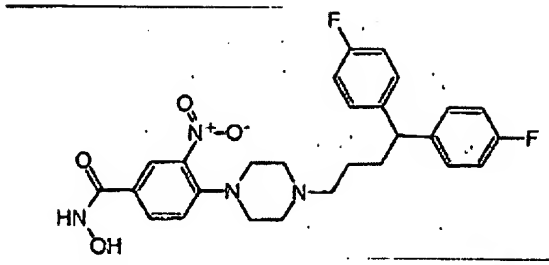
each R^5 and R^6 can be placed on the nitrogen in replacement of the hydrogen;

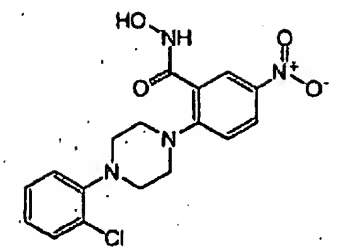
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

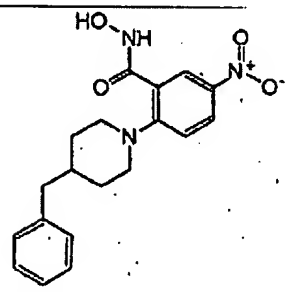
173. – 176. (Canceled)

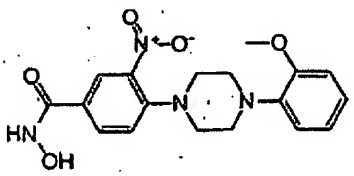
177. (Original) The compound of claim 172 that is selected from one of

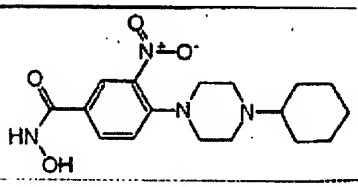


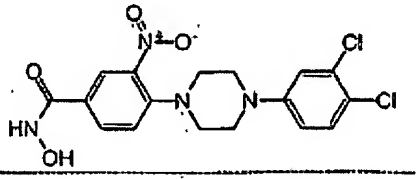


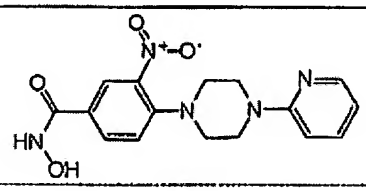


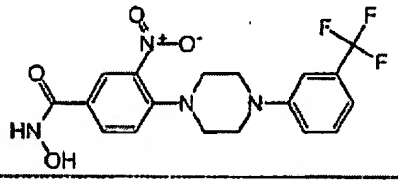


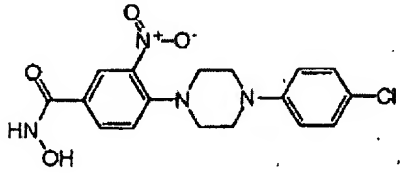


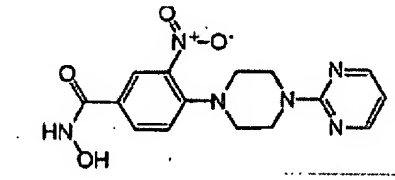


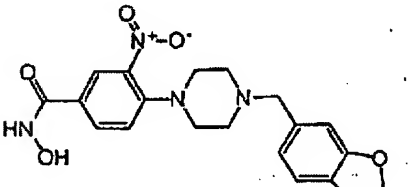


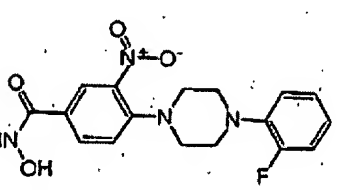


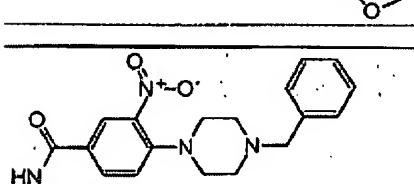


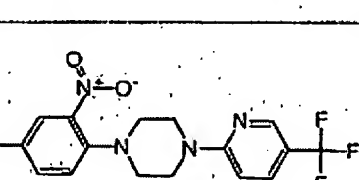


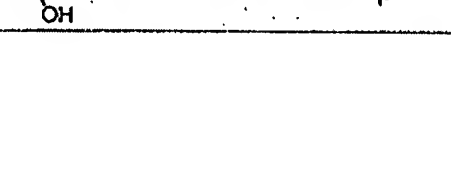


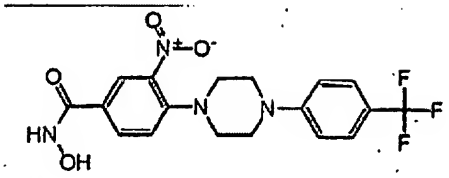


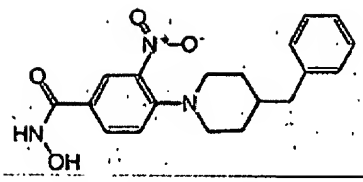


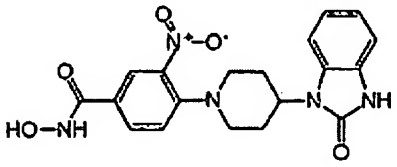


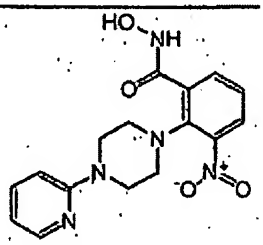


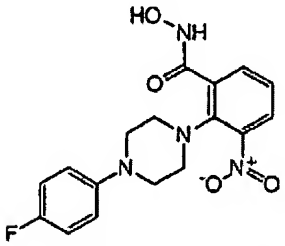


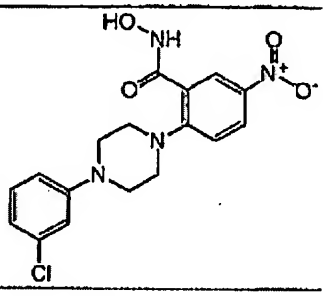


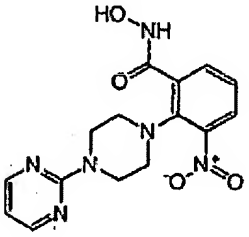


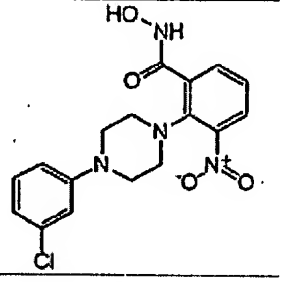


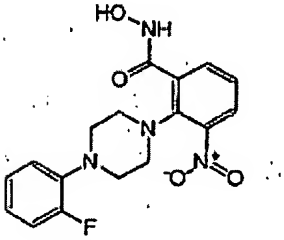


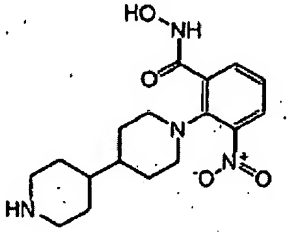


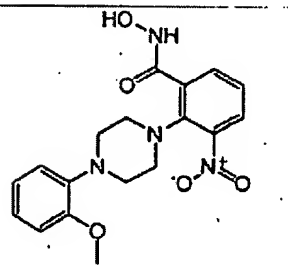


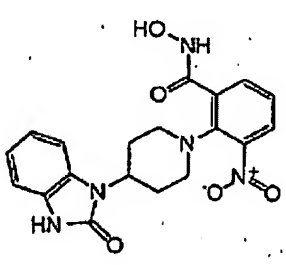


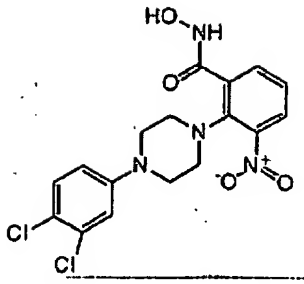


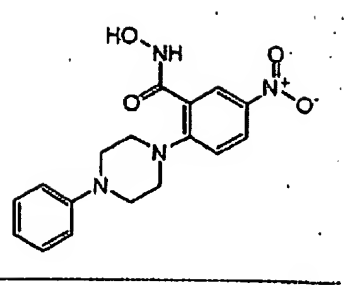


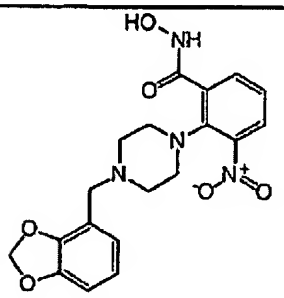


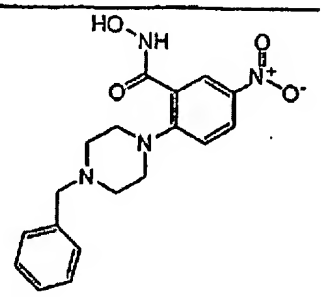


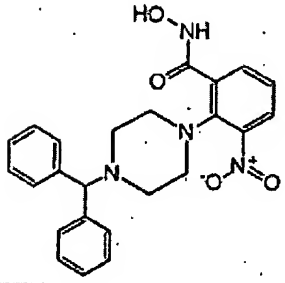


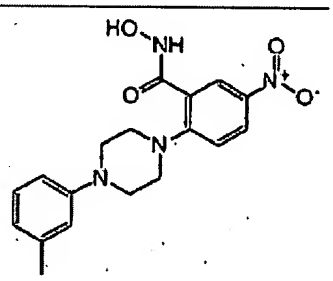


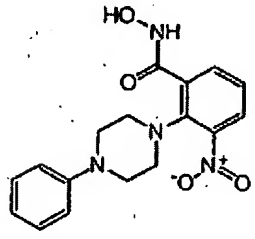


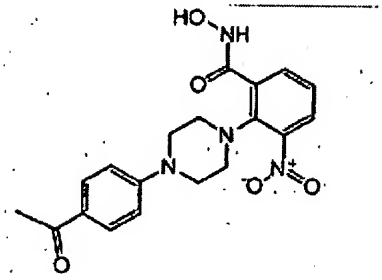


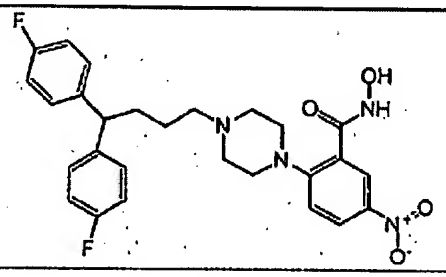


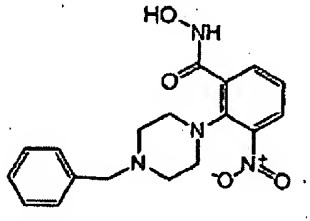


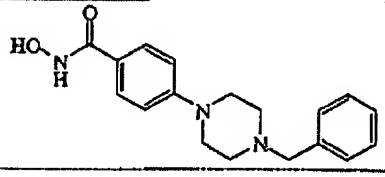


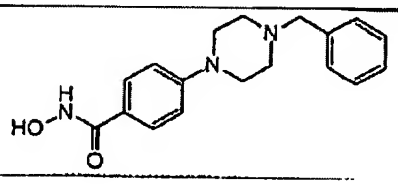


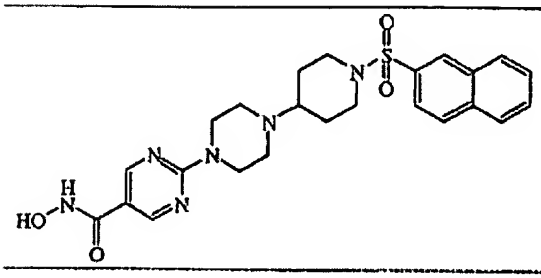


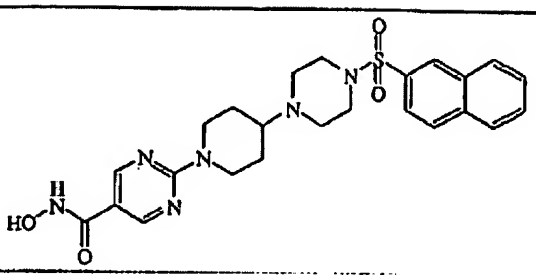


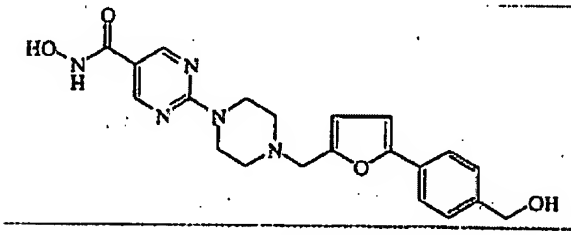


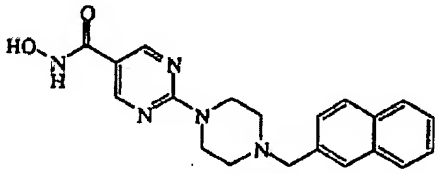


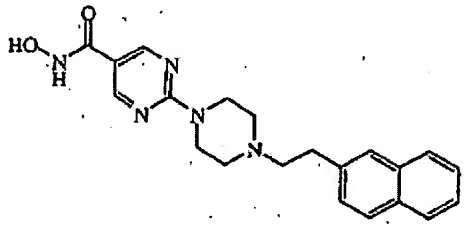


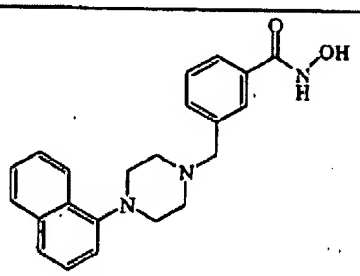


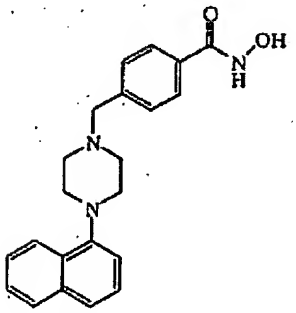


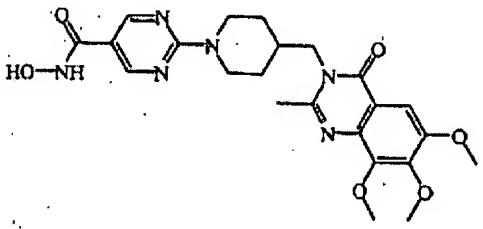


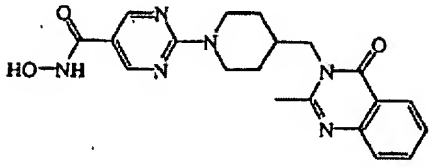


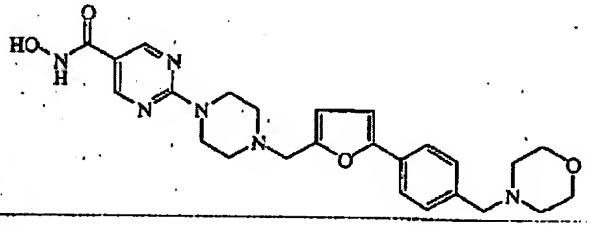


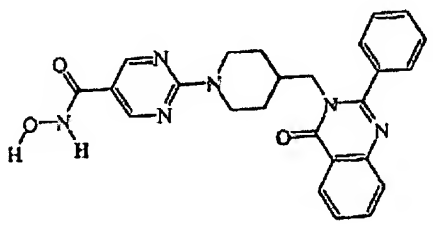


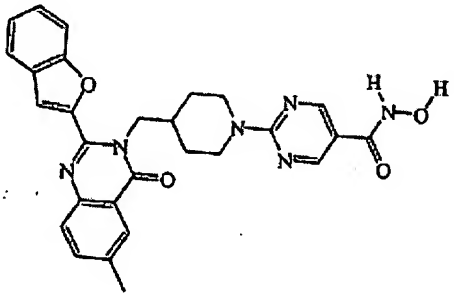


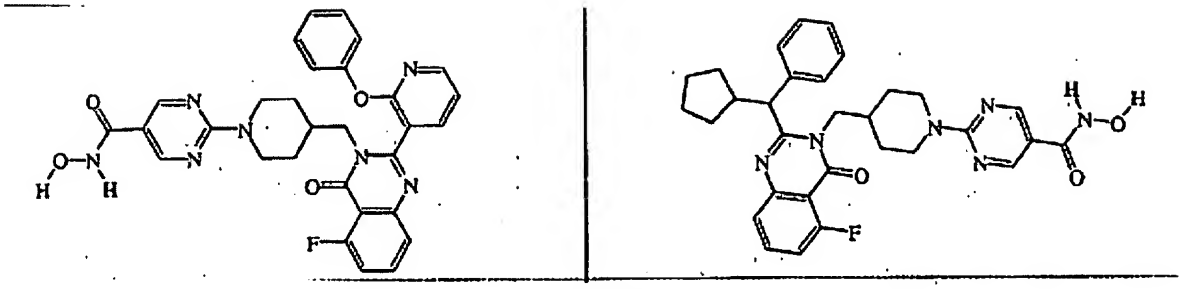




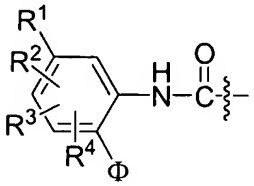








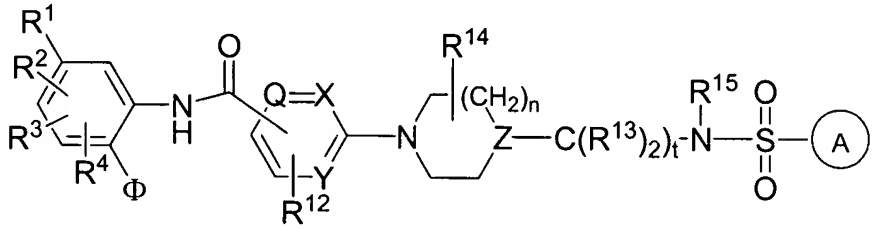
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

178. – 200. (Canceled)

201. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

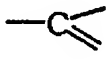
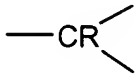
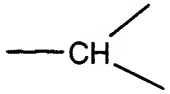
Φ is $-NH_2$ or –OH;

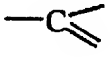
R^1 is H or as defined in claim 1;

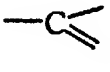
R^2, R^3, and R^4 are as defined in claim1;

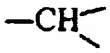
n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

t is 0, 1, 2, 3 or 4 and when t is 0 then a direct bond is intended;

Q is nitrogen or  ,  , or  ;

X is nitrogen or  ;

Y is nitrogen or  ;

Z is nitrogen or  ;

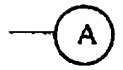
R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

each R^{12} ıydrogen, halo, hydroxy, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, di(C_{1-6}alkyl)amino, hydroxyamino or naphtalenylsulfonylpyrazinyl;

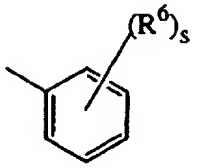
each R^{13} independently represents a hydrogen atom and one hydrogen atom can be replaced by a substituent selected from aryl;

R^{14} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;

R^{15} is hydrogen, C_{1-6}alkyl, C_{3-10}cycloalkyl, hydroxyC_{1-6}alkyl, C_{1-6}alkyloxyC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl or aryl;



is a radical selected from



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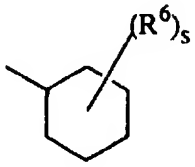

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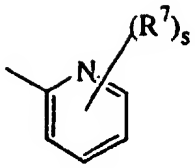

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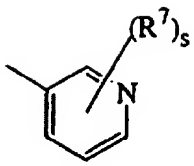

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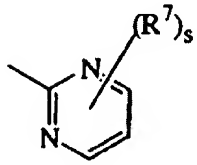

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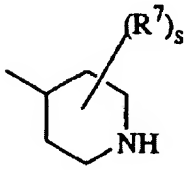

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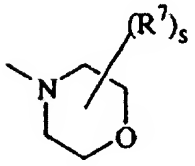

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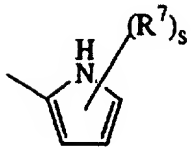

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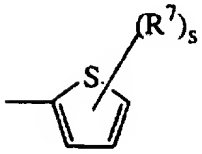

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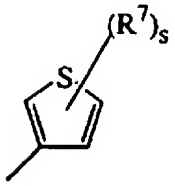

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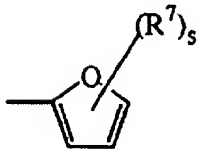

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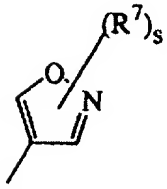

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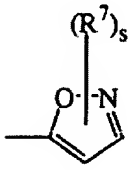

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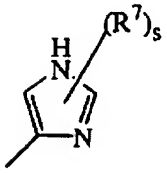

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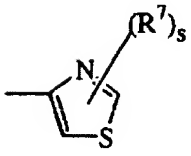

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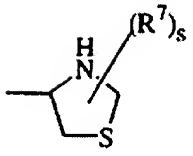

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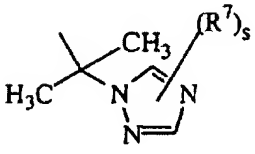

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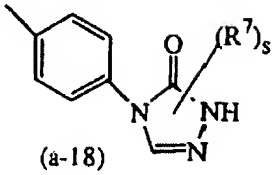

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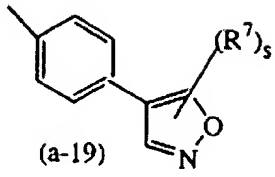

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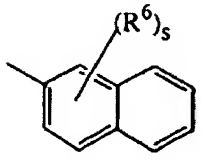

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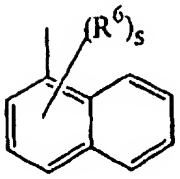

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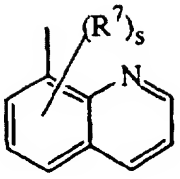

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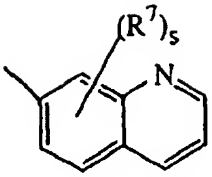

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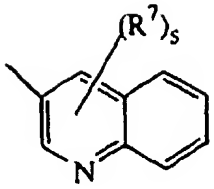

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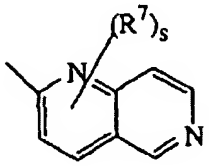

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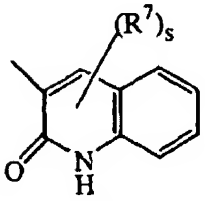

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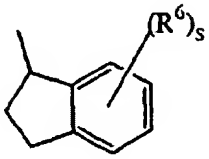

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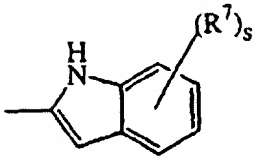

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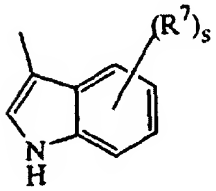

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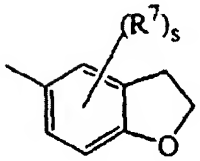

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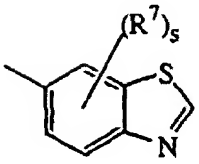

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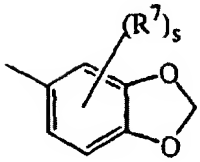

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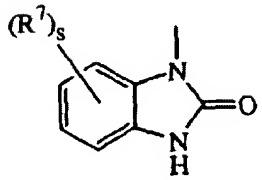

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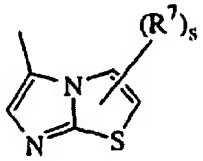

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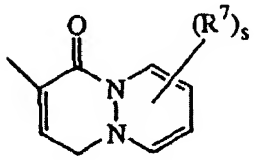

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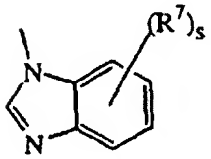

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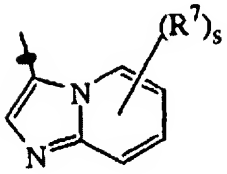

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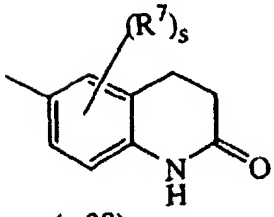

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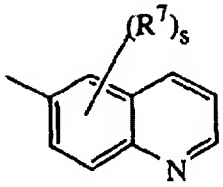

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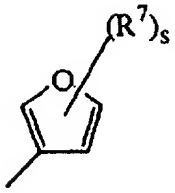

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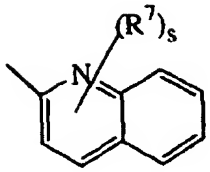

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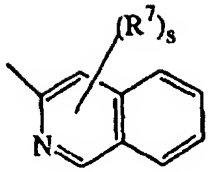

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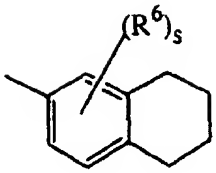

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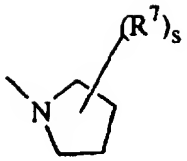
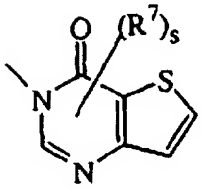


(a-44)

(a-45)



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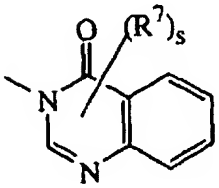

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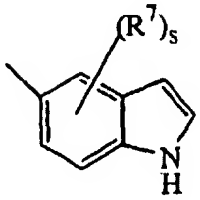

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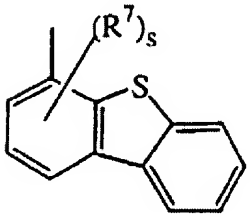

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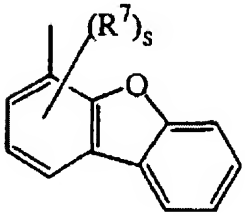

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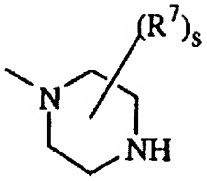


(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^6 and R^7 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl; hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl; aminosulfonylamino(C_{1-6}alkyl)amino; aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl;

thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl,

hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl,
hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl,
di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl,
C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl,
hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl;
furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl;
oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl;
pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl;
morpholinylC_{1-6}alkyloxy; morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino;
morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl;
C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl;
naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl;

C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino; C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl; di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl; hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indole; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy, C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl,

di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl, C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl,

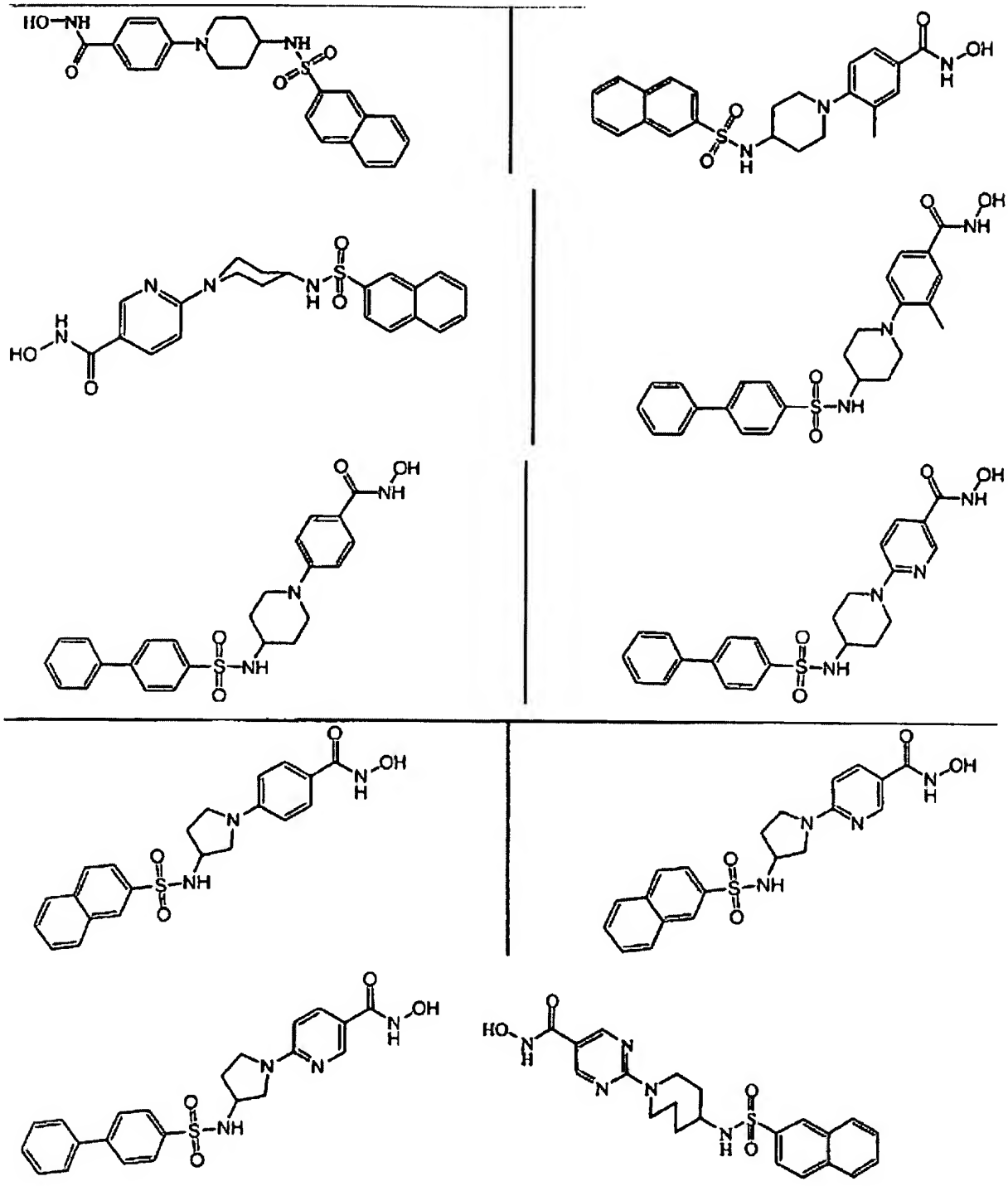
(hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl, morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy, hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

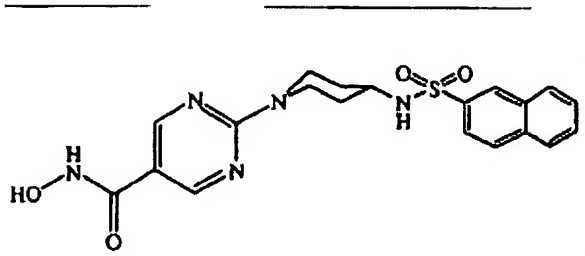
each R^6 and R^7 can be placed on the nitrogen in replacement of the hydrogen;

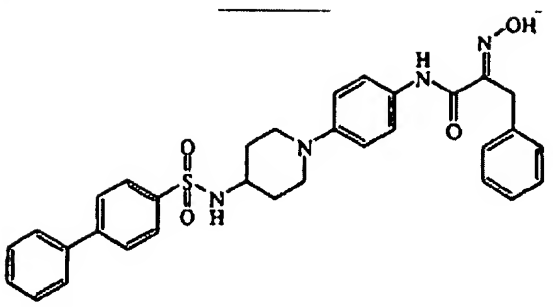
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

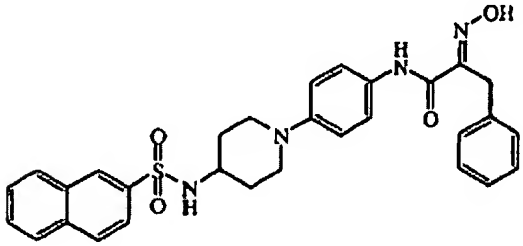
202. – 206. (Canceled)

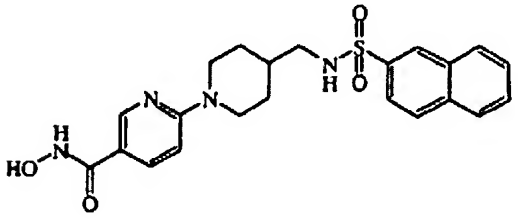
207. (Original) The compound of claim 201 that is selected from one of

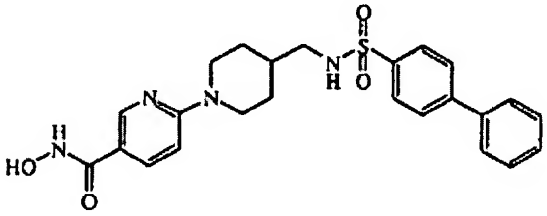


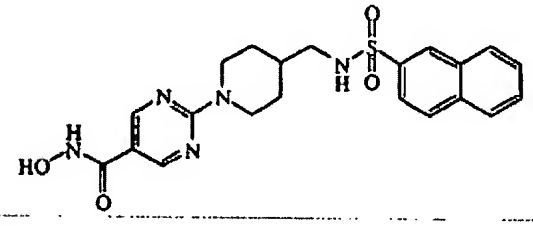


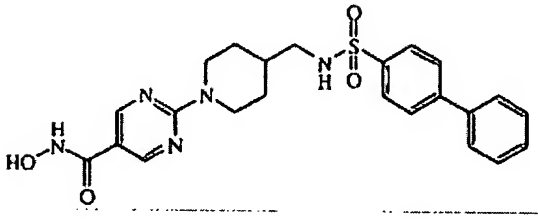


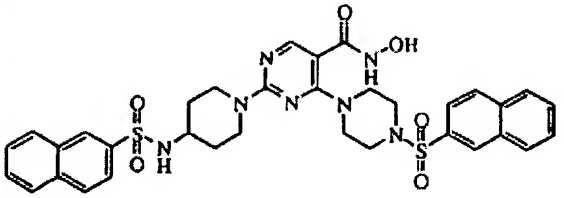


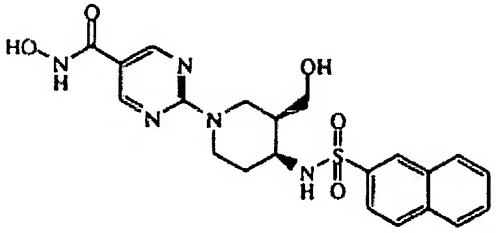


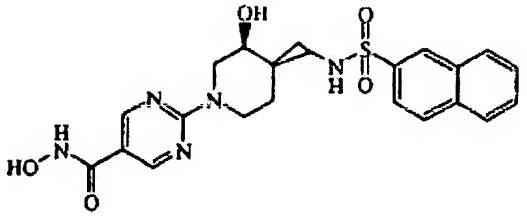


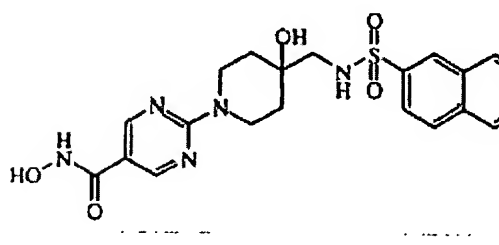


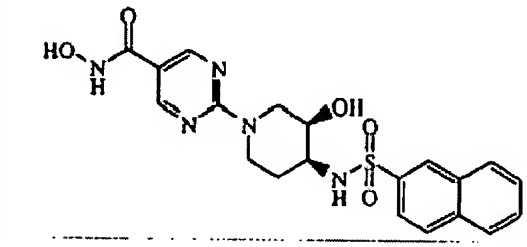


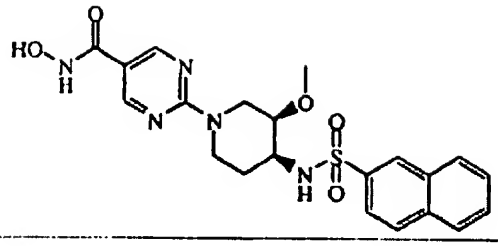


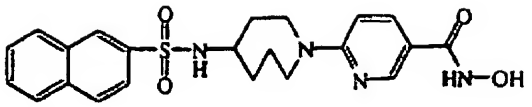


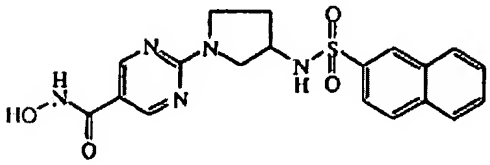


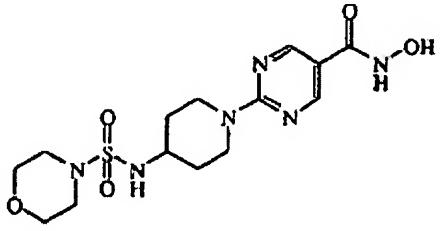


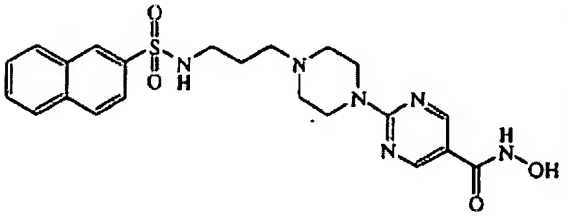


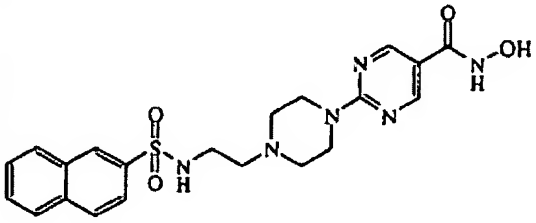


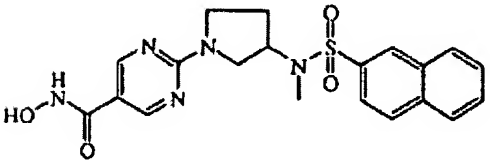


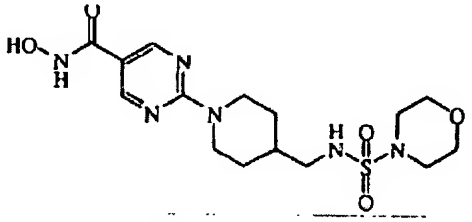


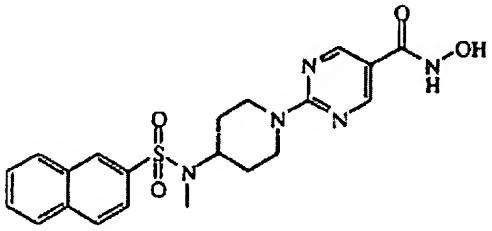


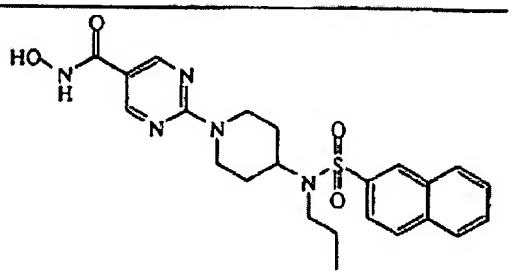


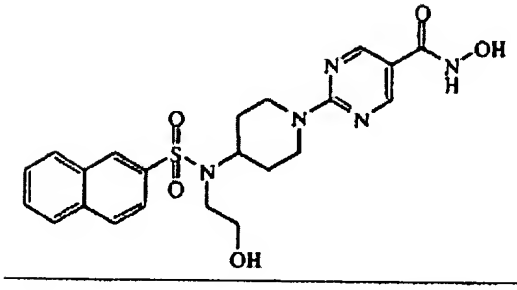


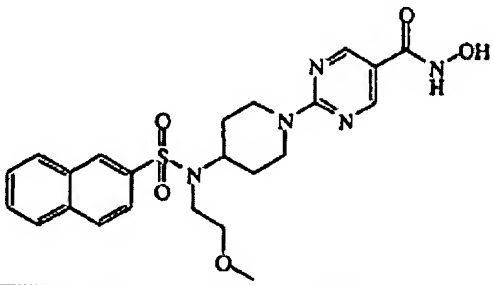


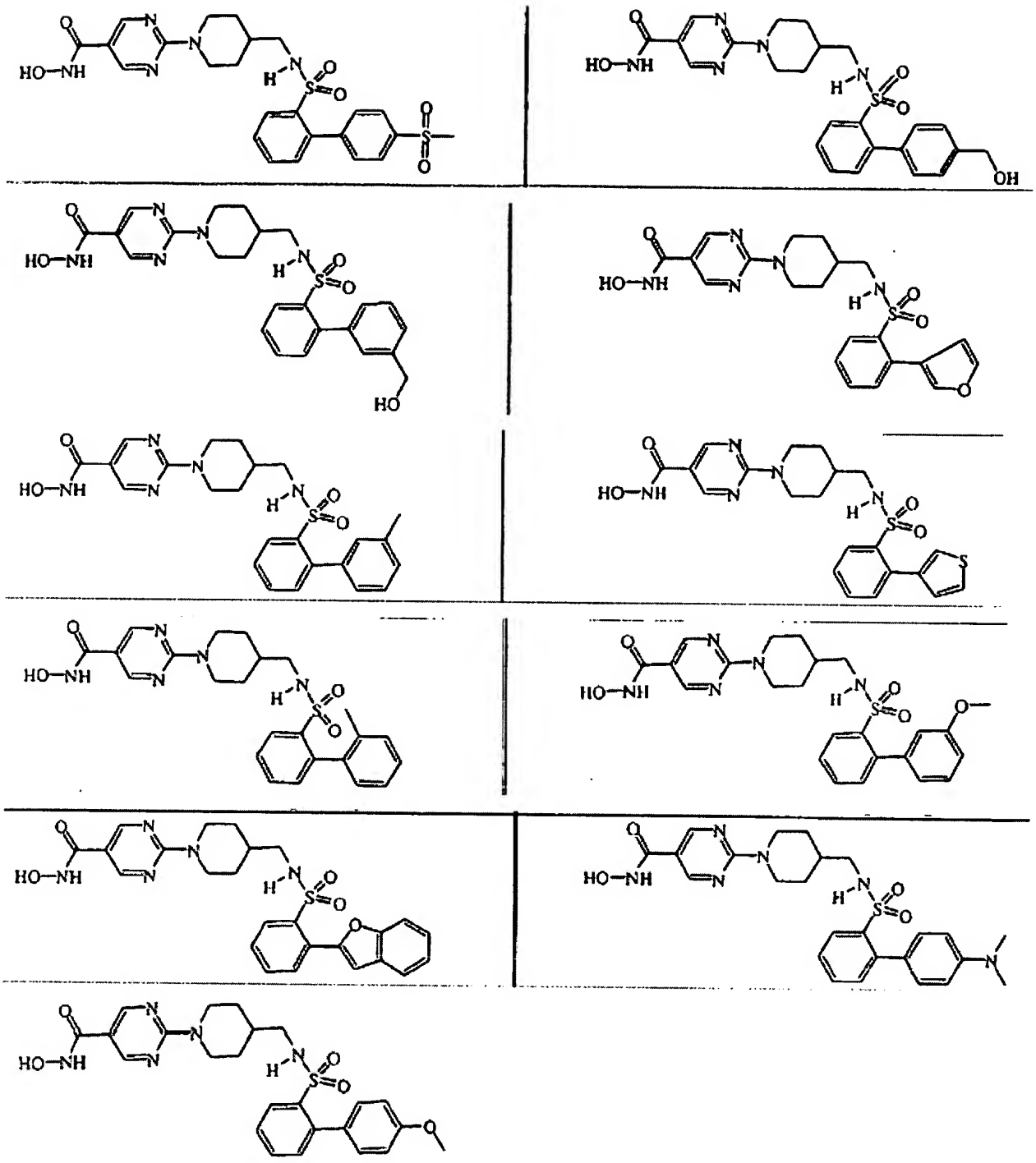




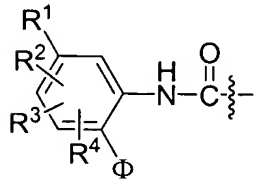








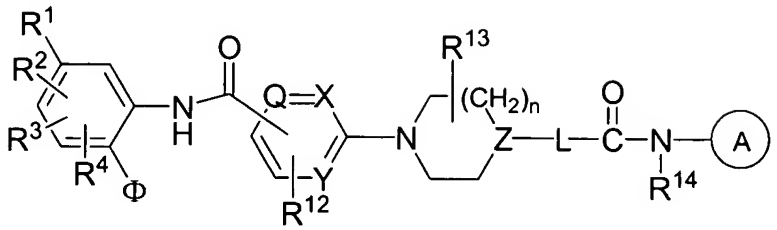
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

208. – 230. (Canceled)

231. (Original) A compound of the formula:



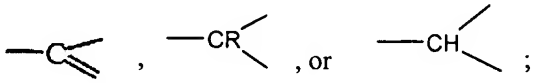
or a pharmaceutically acceptable salt thereof, wherein

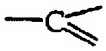
Φ is $-NH_2$ or –OH;

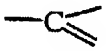
R^1 is H or as defined in claim 1;

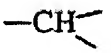
R^2, R^3, and R^4 are as defined in claim 1;

n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

Q is nitrogen or  ;

X is nitrogen or  ;

Y is nitrogen or  ;

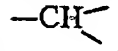
Z is nitrogen or  ;

R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7-alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

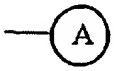
R^{12} is hydrogen, halo, hydroxy, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, di(C_{1-6}alkyl)amino, hydroxyamino or naphtalenylsulfonylpyrazinyl;

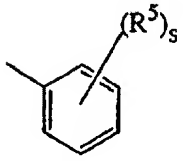
R^{13} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;

when Z is equal to nitrogen, then-L- is a direct bond;

when Z is equal to  , then –L- is –NH- or the bivalent radical -C_{1-6}alkanediylNH-;

R^{14} is hydrogen, C_{1-6}alkyl, C_{3-10}cycloalkyl, hydroxyC_{1-6}alkyl, C_{1-6}alkyloxyC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl or aryl;

 is a radical selected from



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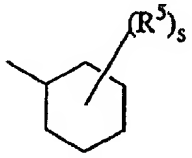
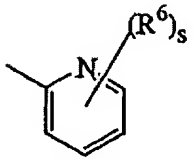
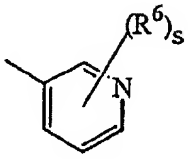


(a-2)



(a-3)



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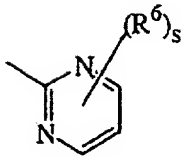

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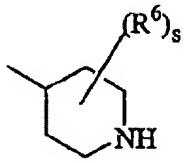

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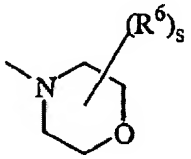

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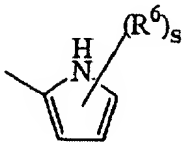

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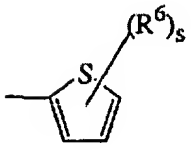

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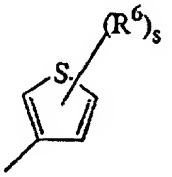

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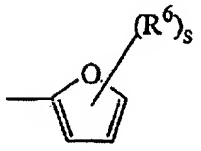

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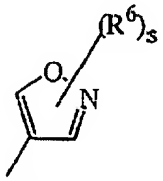

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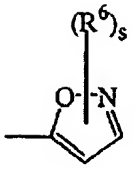

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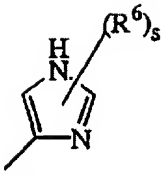

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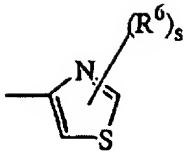

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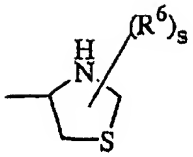

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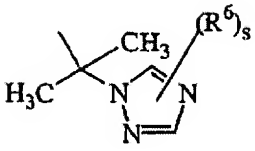

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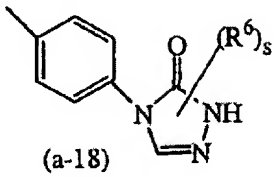

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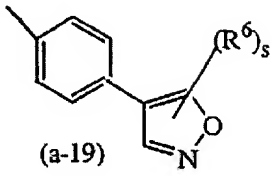

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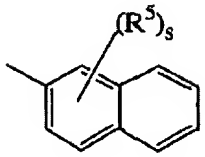

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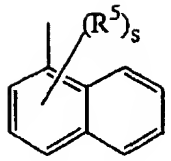

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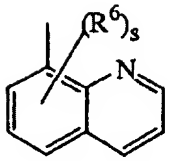

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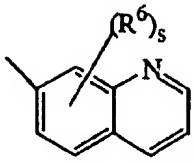

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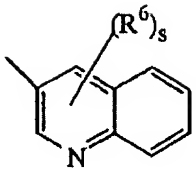

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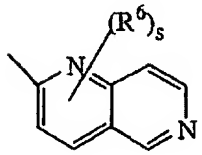

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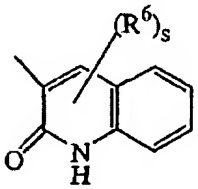

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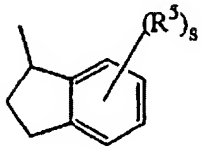

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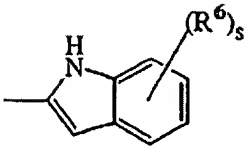

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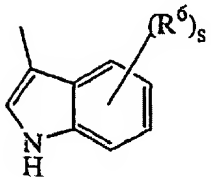

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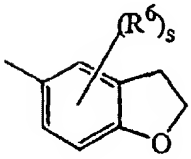

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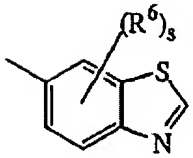

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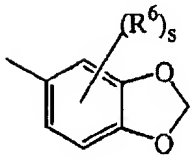

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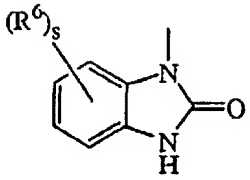

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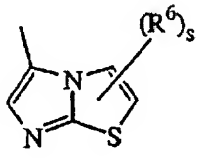

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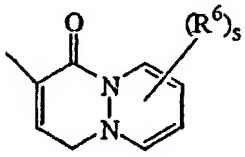

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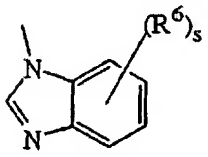

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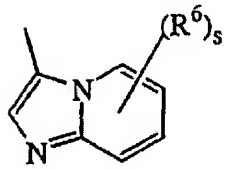
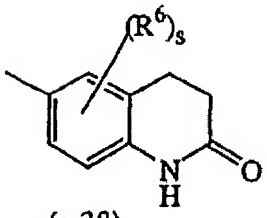
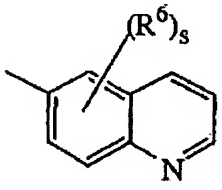


(a-37)



(a-38)



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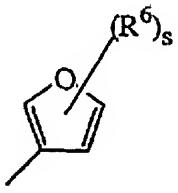

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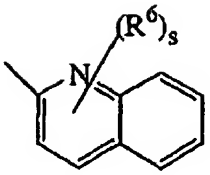

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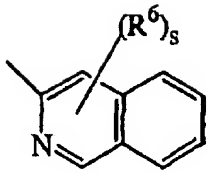

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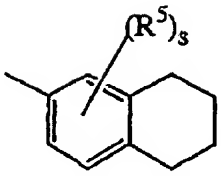
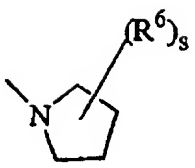


(a-43)



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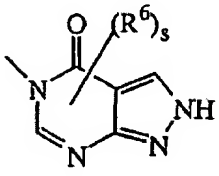

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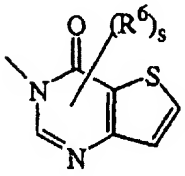

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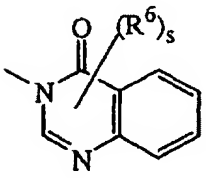
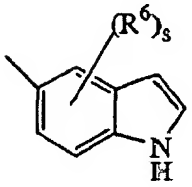


(a-47)



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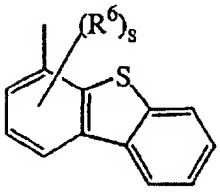

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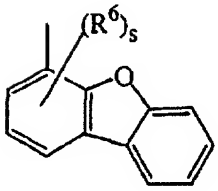

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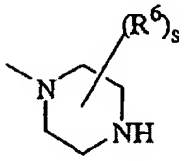


(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl; hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl; aminosulfonylamino(C_{1-6}alkyl)amino; aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl;

di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl, C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl, hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl;

oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl; morpholinylC_{1-6}alkyloxy;

morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino; morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl;

C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl; naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfony C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino; C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl; di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl; hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indolyl; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy,

C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl,

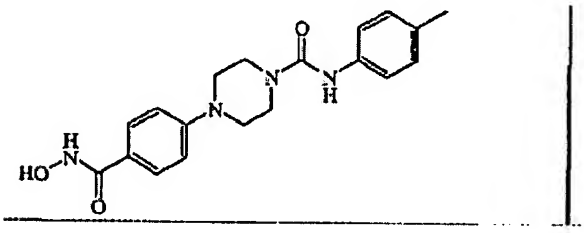
C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl, morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy, hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

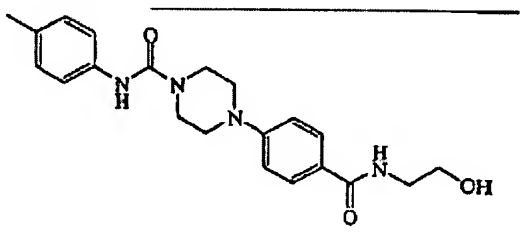
each R^5 and R^6 can be placed on the nitrogen in replacement of the hydrogen;

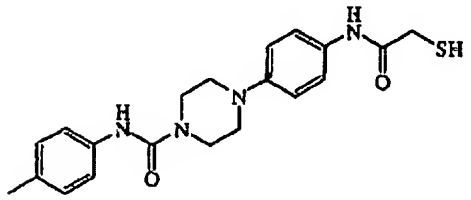
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

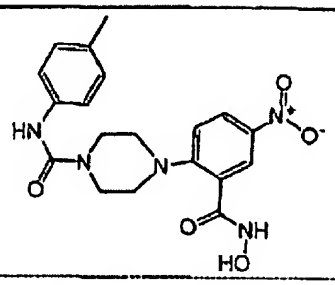
232. – 234 (Canceled)

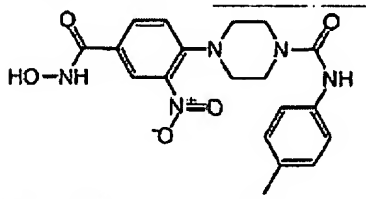
235. (Original) The compound of claim 231 that is selected from one of

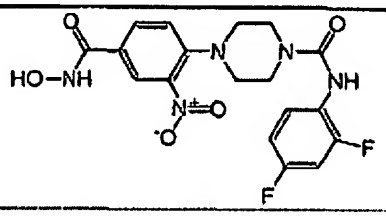


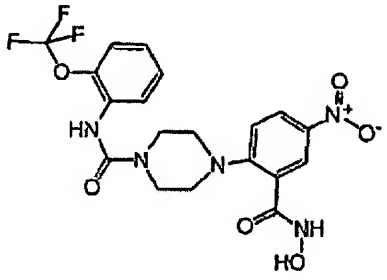


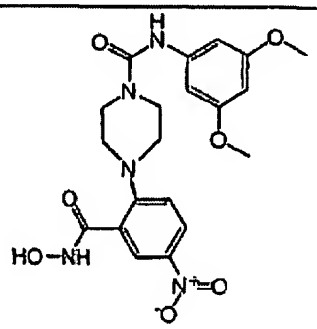


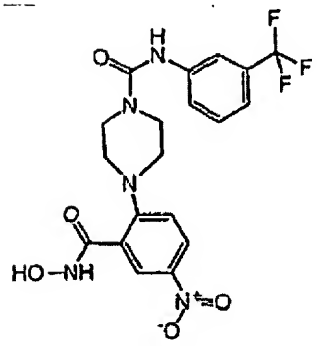


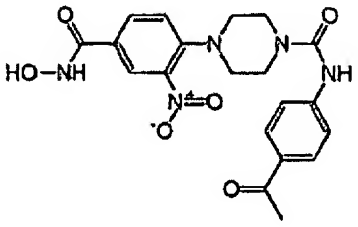


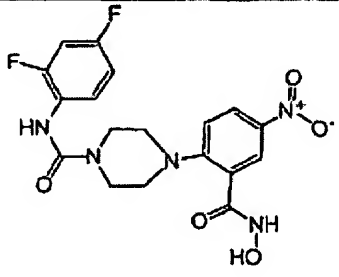


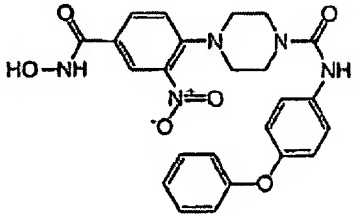


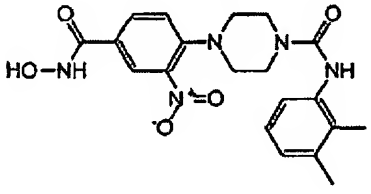


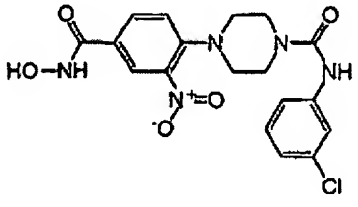


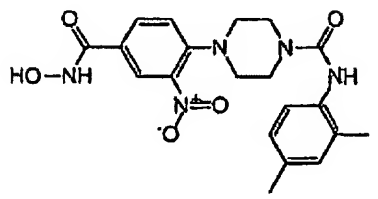


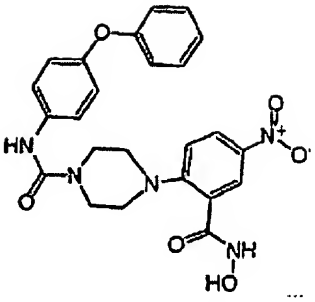


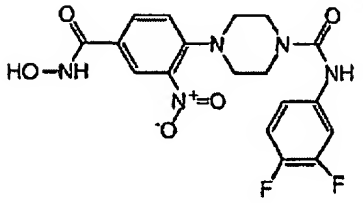


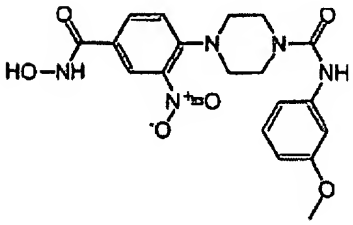


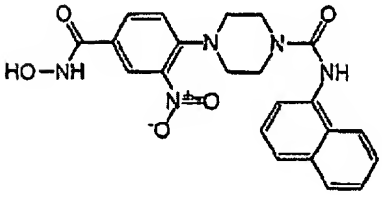


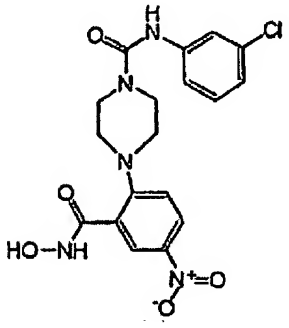


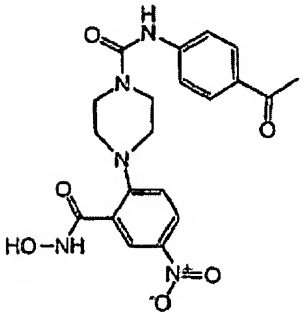


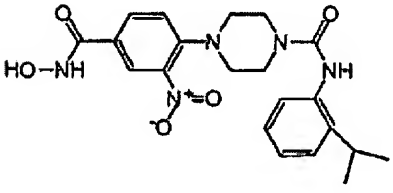


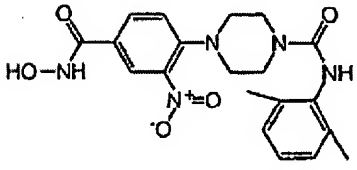


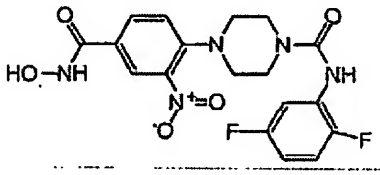


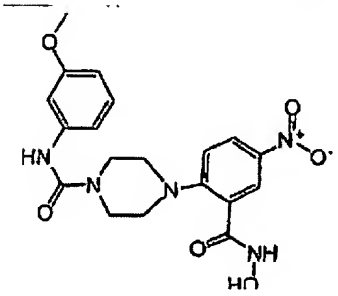


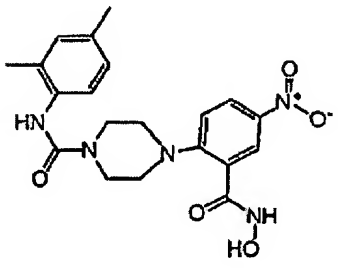


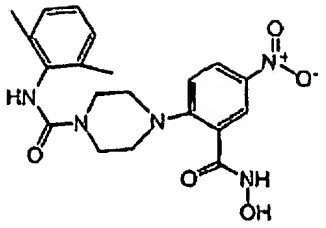


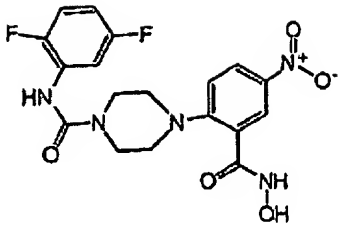


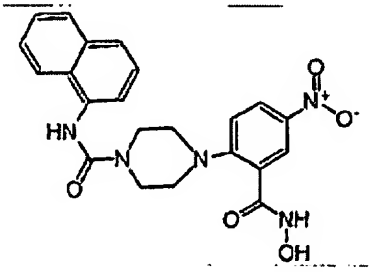


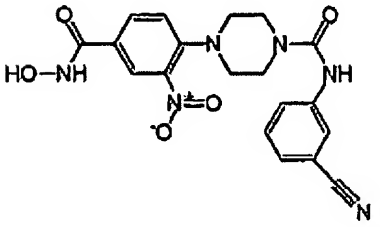


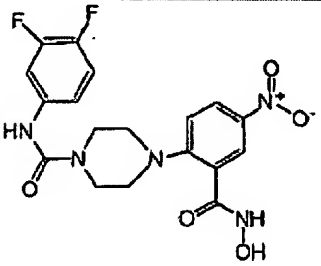


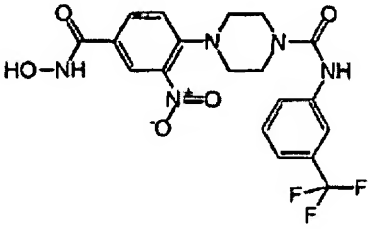


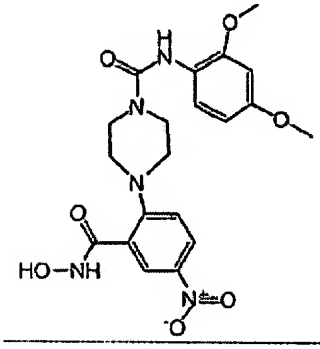


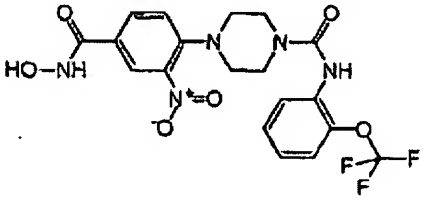


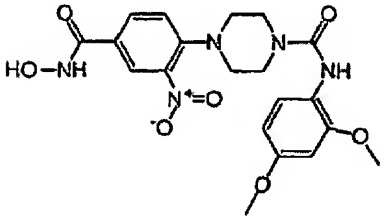


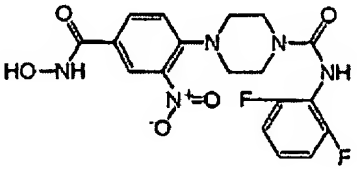


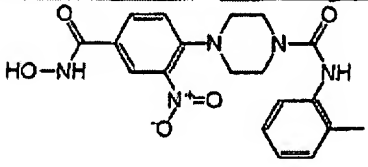


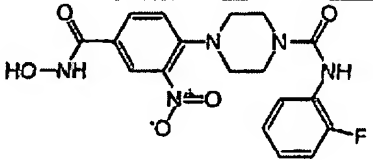


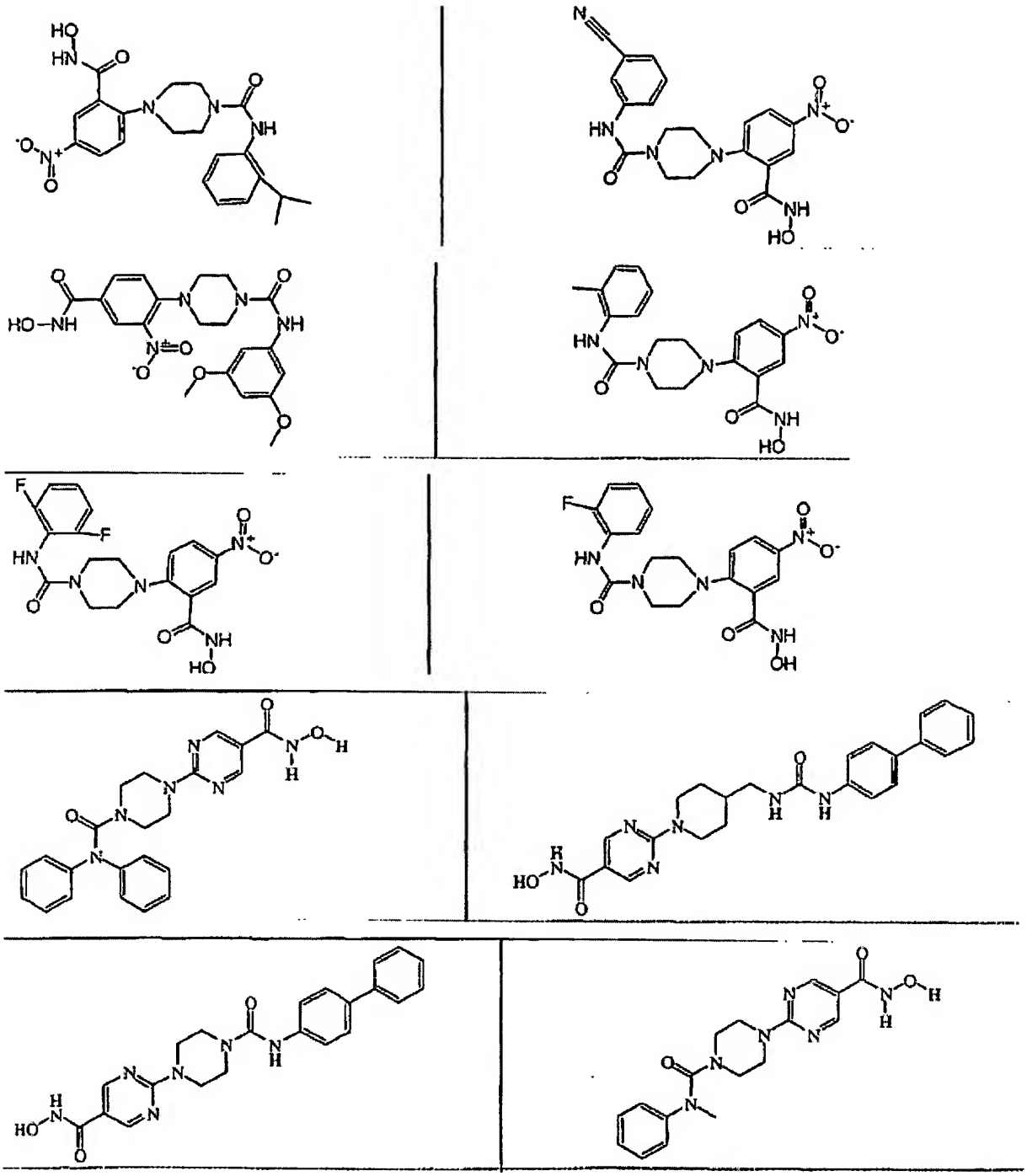




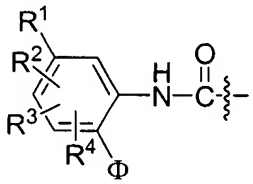








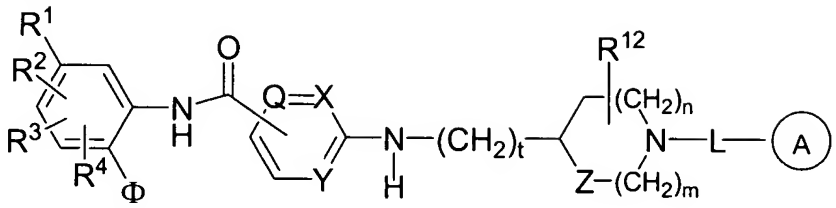
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

236. – 258. (Canceled)

259. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or –OH;

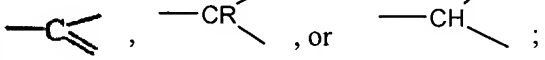
R^1 is H or as defined in claim 1

R^2, R^3, and R^4 are as defined in claim1;

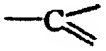
n is 0, 1, 2 or 3 and when n is 0 then a direct bond is intended;

m is 0, 1, 2 or 3 and when m is 0 then a direct bond is intended;

t is 0 or 1 and when t is 0 then a direct bond is intended;

Q is nitrogen or  ;

X is nitrogen or  ;

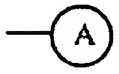
Y is nitrogen or  ;

Z is $-CH_2-$ or –O-;

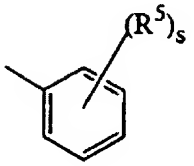
R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

R^{12} **is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;**

-L- is a bivalent radical selected from C_{1-6}alkanediyl, carbonyl, sulfonyl, or C_{1-6}alkanediyl substituted with phenyl;



is a radical selected from



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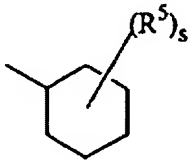
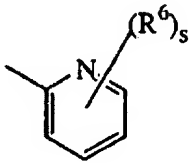


(a-2)



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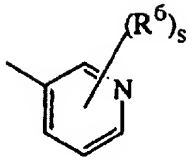

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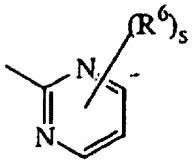

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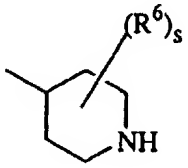

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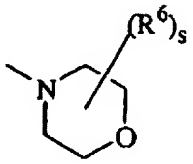
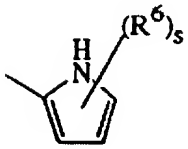


(a-7)



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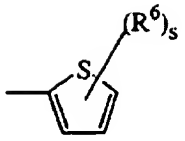

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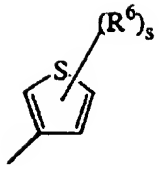

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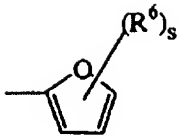

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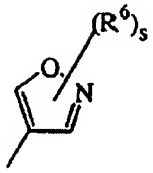

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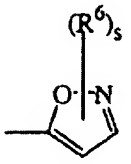

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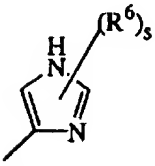

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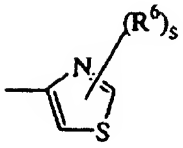

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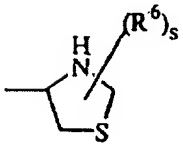

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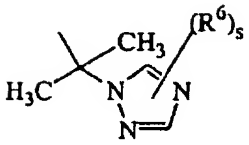

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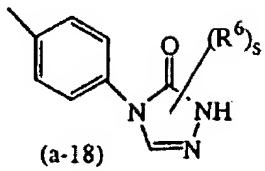

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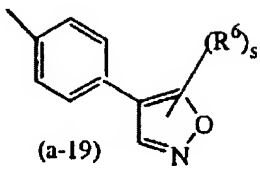

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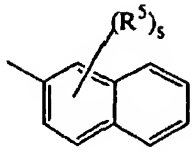

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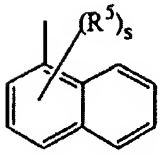

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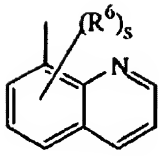

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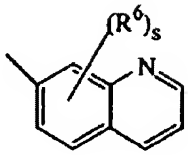

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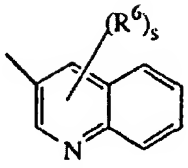

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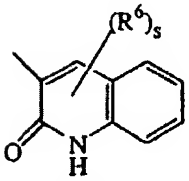
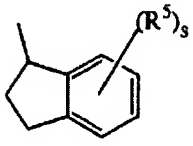
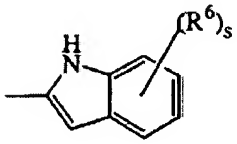
(a-25)



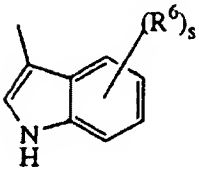
(a-26)



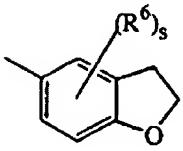
(a-27)



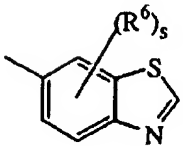
(a-28)



(a-29)



(a-30)



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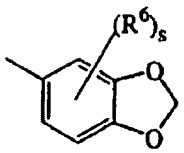
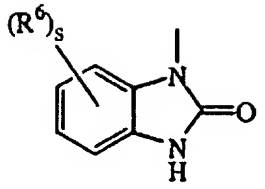
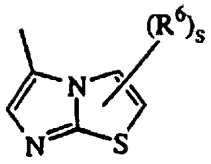


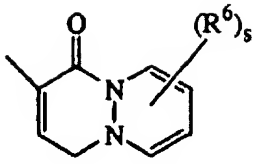
(a-32)



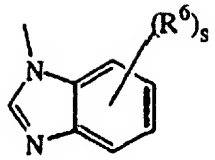
(a-33)



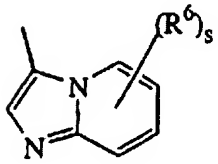
(a-34)



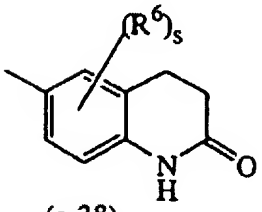
(a-35)



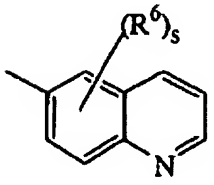
(a-36)



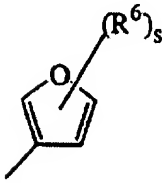
(a-37)



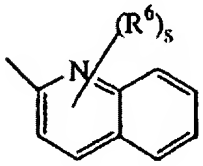
(a-38)



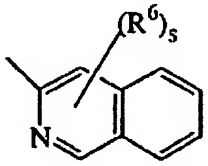
(a-39)



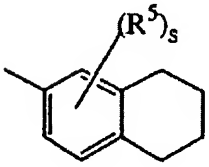
(a-40)



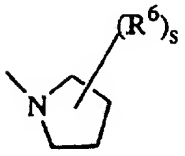
(a-41)



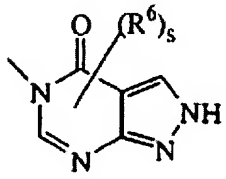
(a-42)



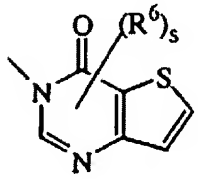
(a-43)



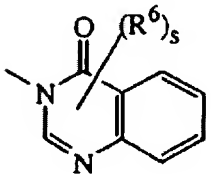
(a-44)



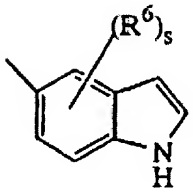
(a-45)



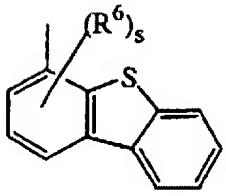
(a-46)



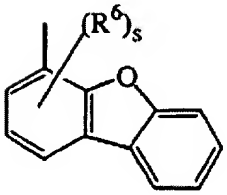
(a-47)



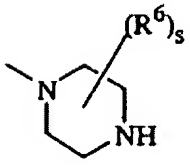
(a-48)



(a-49)



(a-50)



(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro; trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl;

hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino;

di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl;
di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino;
di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl;
aminosulfonylamino(C_{1-6}alkyl)amino;
aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl;
di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino;
di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl, C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl, hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl; oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl; morpholinylC_{1-6}alkyloxy;
morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino;
morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl;

C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl;
naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl;
C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino;

C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl; di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl; hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl;

pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indolyl; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy, C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino,

di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl, C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl, morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy,

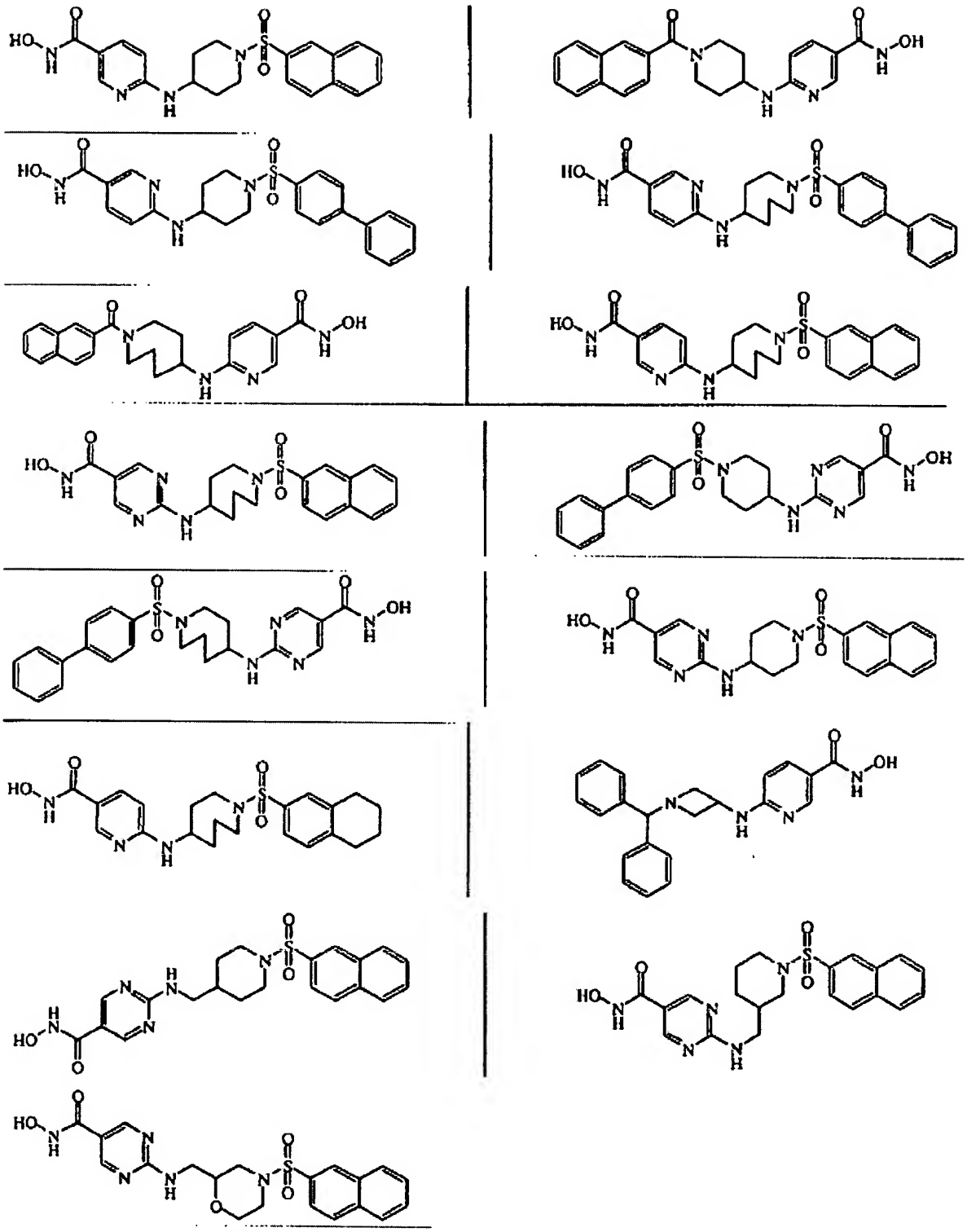
hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

each R^5 and R^6 can be placed on the nitrogen in replacement of the hydrogen;

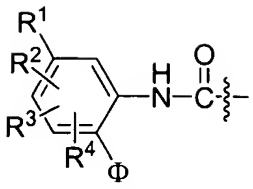
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

260. – 262. (Canceled)

263. (Original) The compound of claim 259 that is selected from one of



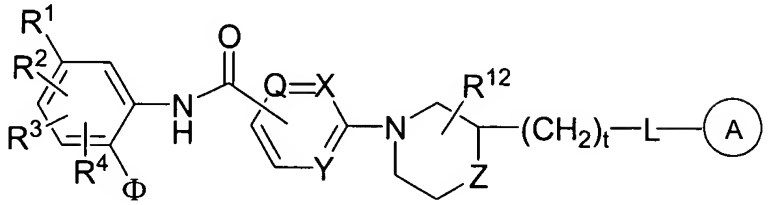
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

264. – 286. (Canceled)

287. (Original) A compound of the formula:



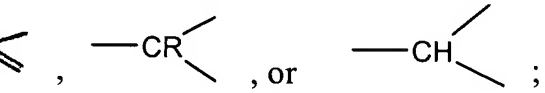
or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or –OH;

R^1 is H or as defined in claim1;

R^2, R^3, and R^4 are as defined in claim 1;

t is 0, 1, 2, 3 or 4 and when t is 0 then a direct bond is intended;

Q is nitrogen or  ;

X is nitrogen or  ;

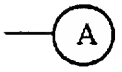
Y is nitrogen or  ;

Z is –NH-, –O- or $-CH_2-$;

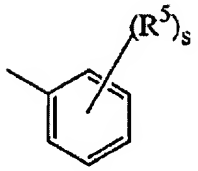
R is selected from the group consisting of hydrogen, halogen, $-NH_2$, nitro, hydroxy, aryl, heterocyclyl, C_3-C_8-cycloalkyl, heteroaryl, C_1-C_7-akyl, haloalkyl, C_1-C_7-alkenyl, C_1-C_7-alkynyl, C_1-C_7-acyl, C_1-C_7-alkyl-aryloxy, C_1-C_7–alkyl-arylsulfanyl, C_1-C_7–alkyl-arylsulfinyl, C_1-C_7–alkyl-arylsulfonyl, C_1-C_7–alkyl-arylaminosulfonyl, C_1-C_7–alkyl-arylamine, C_1-C_7-alkynyl-C(O)-amine, C_1-C_7-alkenyl-C(O)-amine, C_1-C_7-alkynyl-R^9, C_1-C_7-alkenyl-R^9 wherein R^9 is hydrogen , hydroxy, amino, C_1-C_7-alkyl or C_1-C_7-alkoxy;

R^{12} is hydrogen, hydroxy, amino, hydroxyC_{1-6}alkyl, C_{1-6}alkyl, C_{1-6}alkyloxy, arylC_{1-6}alkyl, aminocarbonyl, hydroxycarbonyl, aminoC_{1-6}alkyl, aminocarbonylC_{1-6}alkyl, hydroxycarbonylC_{1-6}alkyl, hydroxyaminocarbonyl, C_{1-6}alkyloxycarbonyl, C_{1-6}alkylaminoC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;

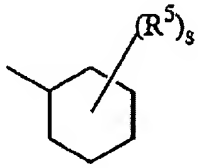
-L- is a bivalent radical selected from $-NR^9C(O)-$, $-NR^9SO_2-$ or $-NR^9CH_2-$ wherein R^9 is hydrogen, C_{1-6}alkyl, C_{3-10}cycloalkyl, hydroxyC_{1-6}alkyl, C_{1-6}alkyloxyC_{1-6}alkyl or di(C_{1-6}alkyl)aminoC_{1-6}alkyl;



is a radical selected from



(a-1)



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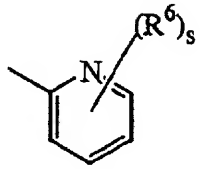

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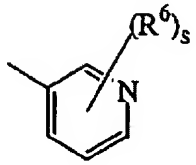

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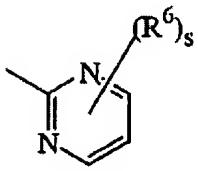

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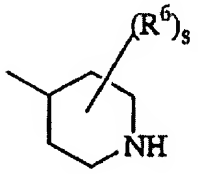

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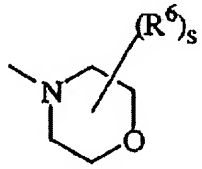

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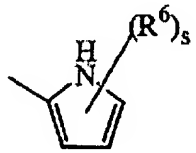

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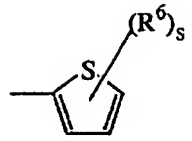

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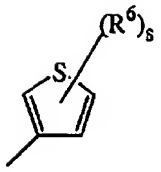

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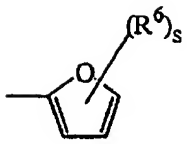

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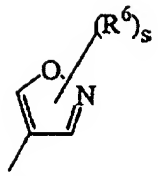

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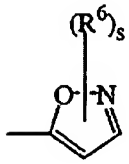

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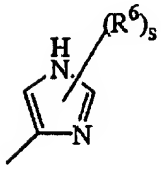

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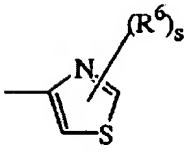

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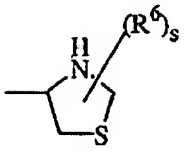

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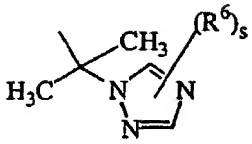

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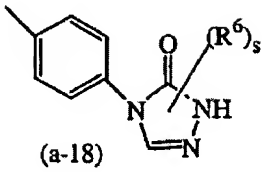

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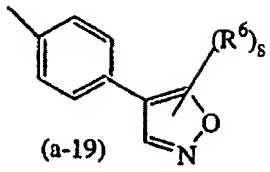

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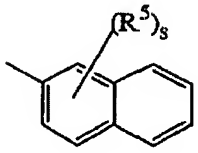

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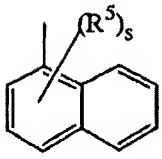

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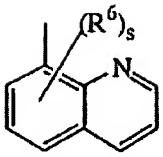

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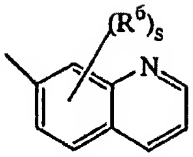

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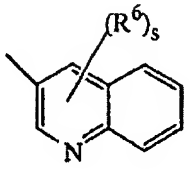

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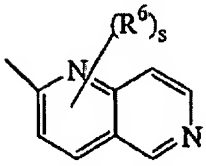

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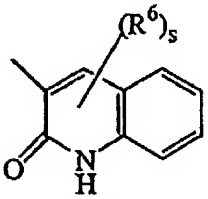

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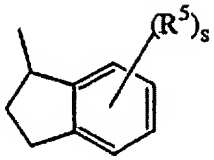

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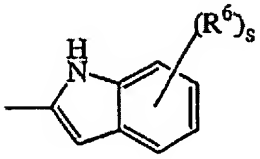

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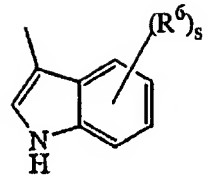

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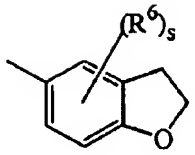

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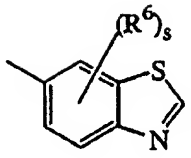

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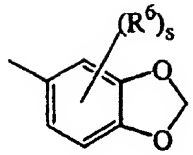

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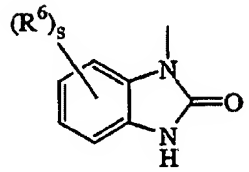

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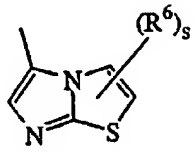

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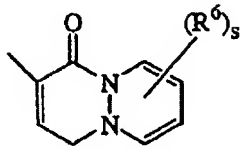

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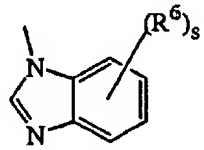

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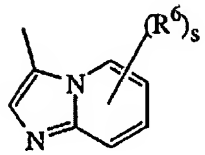

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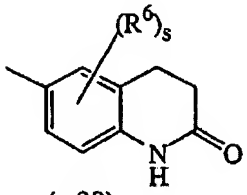

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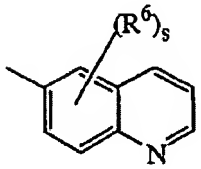

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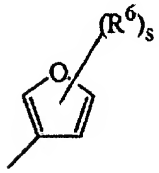

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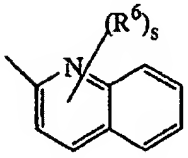

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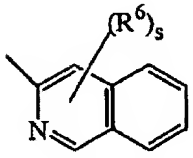

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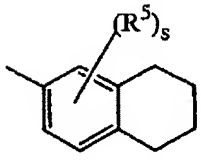

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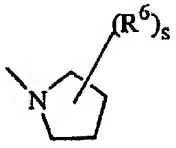

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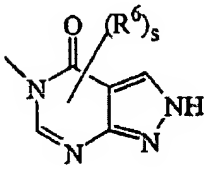

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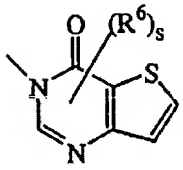

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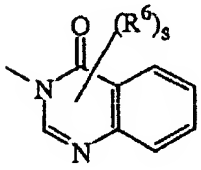

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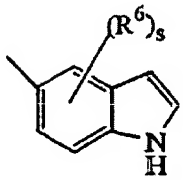

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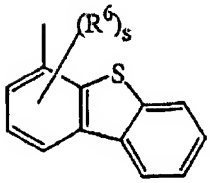

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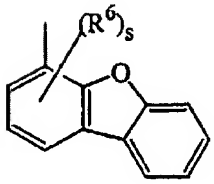

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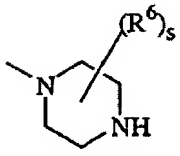


(a-51)

wherein each s is independently 0, 1, 2, 3, 4 or 5;

each R^5 and R^6 are independently selected from hydrogen; halo; hydroxy; amino; nitro;

trihaloC_{1-6}alkyl; trihaloC_{1-6}alkyloxy; C_{1-6}alkyl; C_{1-6}alkyl substituted with aryl and C_{3-10}cycloalkyl; C_{1-6}alkyloxy; C_{1-6}alkyloxyC_{1-6}alkyloxy; C_{1-6}alkylcarbonyl; C_{1-6}alkyloxycarbonyl; C_{1-6}alkylsulfonyl; cyanoC_{1-6}alkyl; hydroxyC_{1-6}alkyl; hydroxyC_{1-6}alkyloxy; hydroxyC_{1-6}alkylamino; aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminocarbonyl; di(hydroxyC_{1-6}alkyl)amino; (aryl)(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyloxy; di(C_{1-6}alkyl)aminoC_{1-6}alkylamino; di(C_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; arylsulfonyl; arylsulfonylamino; aryloxy; aryloxyC_{1-6}alkyl; arylC_{2-6}alkenediyl; di(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)amino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl; aminosulfonylamino(C_{1-6}alkyl)amino; aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)amino; di(C_{1-6}alkyl)aminosulfonylamino(C_{1-6}alkyl)aminoC_{1-6}alkyl; cyano; thiophenyl; thiophenyl substituted with di(C_{1-6}alkyl)aminoC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, di(C_{1-6}alkyl)aminoC_{1-6}alkyl, C_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl, di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl, C_{1-6}alkyloxypiperidinyl, C_{1-6}alkyloxypiperidinylC_{1-6}alkyl, morpholinylC_{1-6}alkyl, hydroxyC_{1-6}alkyl(C_{1-6}alkyl)aminoC_{1-6}alkyl, or di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; furanyl; furanyl substituted with hydroxyC_{1-6}alkyl; benzofuranyl; imidazolyl; oxazolyl; oxazolyl substituted with aryl and C_{1-6}alkyl; C_{1-6}alkyltriazolyl; tetrazolyl; pyrrolidinyl; pyrrolyl; piperidinylC_{1-6}alkyloxy; morpholinyl; C_{1-6}alkylmorpholinyl; morpholinylC_{1-6}alkyloxy; morpholinylC_{1-6}alkyl; morpholinylC_{1-6}alkylamino; morpholinylC_{1-6}alkylaminoC_{1-6}alkyl; piperazinyl; C_{1-6}alkylpiperazinyl; C_{1-6}alkylpiperazinylC_{1-6}alkyloxy; piperazinylC_{1-6}alkyl; naphtalenylsulfonylpiperazinyl; naphtalenylsulfonylpiperidinyl; naphtalenylsulfonyl: C_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkylpiperazinylC_{1-6}alkylamino; C_{1-6}alkylpiperazinylC_{1-6}alkylaminoC_{1-6}alkyl; C_{1-6}alkylpiperazinylsulfonyl; aminosulfonylpiperazinylC_{1-6}alkyloxy; aminosulfonylpiperazinyl; aminosulfonylpiperazinylC_{1-6}alkyl; di(C_{1-6}alkyl)aminosulfonylpiperazinyl;

di(C_{1-6}alkyl)aminosulfonylpiperazinylC_{1-6}alkyl; hydroxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; C_{1-6}alkyloxypiperidinyl; C_{1-6}alkyloxypiperidinylC_{1-6}alkyl; piperidinylaminoC_{1-6}alkylamino; piperidinylaminoC_{1-6}alkylaminoC_{1-6}alkyl; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylamino; (C_{1-6}alkylpiperidinyl)(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkylaminoC_{1-6}alkyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinyl; hydroxyC_{1-6}alkyloxyC_{1-6}alkylpiperazinylC_{1-6}alkyl; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)amino; (hydroxyC_{1-6}alkyl)(C_{1-6}alkyl)aminoC_{1-6}alkyl; hydroxyC_{1-6}alkylaminoC_{1-6}alkyl; di(hydroxyC_{1-6}alkyl)aminoC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyl; pyrrolidinylC_{1-6}alkyloxy; pyrazolyl; thiopyrazolyl; pyrazolyl substituted with two substituents selected from C_{1-6}alkyl or trihaloC_{1-6}alkyl; pyridinyl; pyridinyl substituted with C_{1-6}alkyloxy, aryloxy or aryl; pyrimidinyl; tetrahydropyrimidinylpiperazinyl; tetrahydropyrimidinylpiperazinylC_{1-6}alkyl; quinolinyl; indole; phenyl; phenyl substituted with one, two or three substituents independently selected from halo, amino, nitro, C_{1-6}alkyl, C_{1-6}alkyloxy, hydroxyC_{1-4}alkyl, trifluoromethyl, trifluoromethyloxy, hydroxyC_{1-4}alkyloxy, C_{1-4}alkylsulfonyl, C_{1-4}alkyloxyC_{1-4}alkyloxy, C_{1-4}alkyloxycarbonyl, aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)aminoC_{1-4}alkyloxy, di(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminocarbonyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)amino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminoC_{1-4}alkyl(C_{1-4}alkyl)aminoC_{1-4}alkyl, aminosulfonylamino(C_{1-4}alkyl)amino, aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)amino, di(C_{1-4}alkyl)aminosulfonylamino(C_{1-4}alkyl)aminoC_{1-6}alkyl, cyano, piperidinylC_{1-4}alkyloxy, pyrrolidinylC_{1-4}alkyloxy, aminosulfonylpiperazinyl, aminosulfonylpiperazinylC_{1-4}alkyl, di(C_{1-4}alkyl)aminosulfonylpiperazinyl, di(C_{1-4}alkyl)aminosulfonylpiperazinylC_{1-4}alkyl, hydroxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkyloxypiperidinyl, C_{1-4}alkyloxypiperidinylC_{1-4}alkyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinyl, hydroxyC_{1-4}alkyloxyC_{1-4}alkylpiperazinylC_{1-4}alkyl, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)amino, (hydroxyC_{1-4}alkyl)(C_{1-4}alkyl)aminoC_{1-4}alkyl, di(hydroxyC_{1-4}alkyl)amino, di(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkyl, furanyl, furanyl substituted with –CH=CH-CH=CH-, pyrrolidinylC_{1-4}alkyl, pyrrolidinylC_{1-4}alkyloxy, morpholinyl, morpholinylC_{1-4}alkyloxy, morpholinylC_{1-4}alkyl,

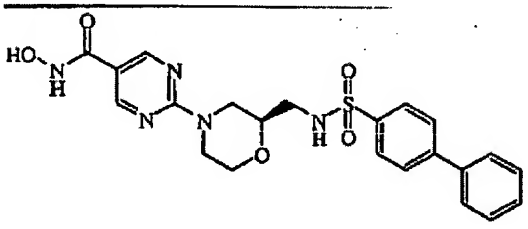
morpholinylC_{1-4}alkylamino, morpholinylC_{1-4}alkylaminoC_{1-4}alkyl, piperazinyl, C_{1-4}alkylpiperazinyl, C_{1-4}alkylpiperazinylC_{1-4}alkyloxy, piperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkyl, C_{1-4}alkylpiperazinylC_{1-4}alkylamino, C_{1-4}alkylpiperazinylC_{1-4}alkylaminoC_{1-6}alkyl, tetrahydropyrimidinylpiperazinyl, tetrahydropyrimidinylpiperazinylC_{1-4}alkyl, piperidinylaminoC_{1-4}alkylamino, piperidinylaminoC_{1-4}alkylaminoC_{1-4}alkyl, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylamino, (C_{1-4}alkylpiperidinyl)(hydroxyC_{1-4}alkyl)aminoC_{1-4}alkylaminoC_{1-4}alkyl, pyridinylC_{1-4}alkyloxy, hydroxyC_{1-4}alkylamino, hydroxyC_{1-4}alkylaminoC_{1-4}alkyl, di(C_{1-4}alkyl)aminoC_{1-4}alkylamino, aminothiadiazolyl, aminosulfonylpiperazinylC_{1-4}alkyloxy, or thiophenylC_{1-4}alkylamino;

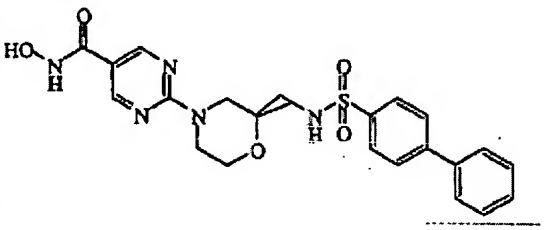
each R^5 and R^6 can be placed on the nitrogen in replacement of the hydrogen;

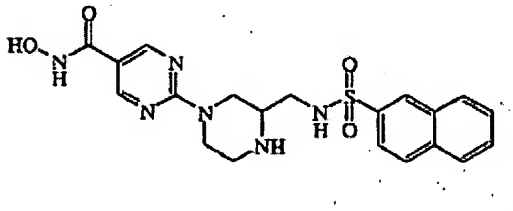
aryl in the above is phenyl, or phenyl substituted with one or more substituents each independently selected from halo, C_{1-6}alkyl, C_{1-6}alkyloxy, trifluoromethyl, cyano or hydroxycarbonyl.

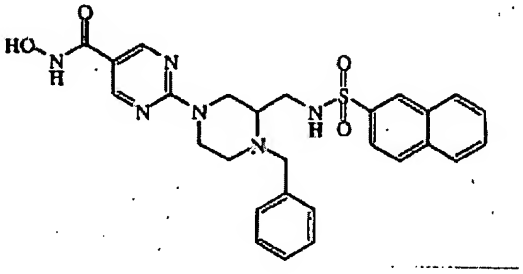
288. – 291. (Canceled)

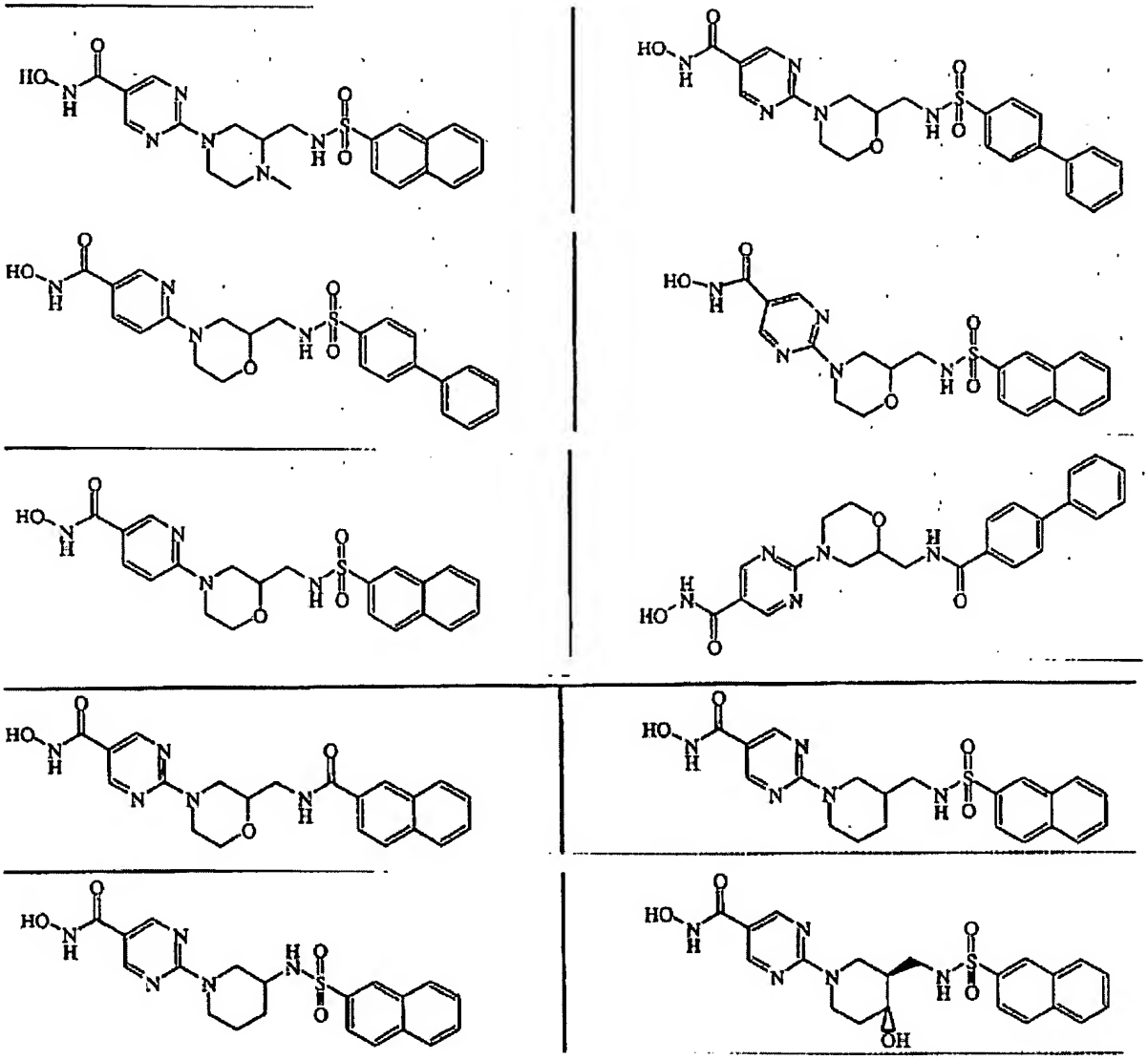
292. (Original) The compound of claim 287 that is selected from one of



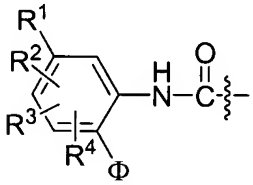








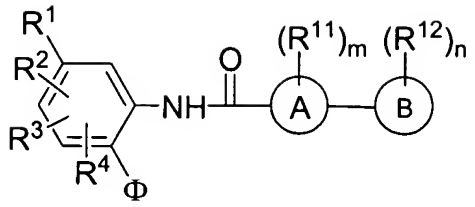
wherein the terminal hydroxamic acid moiety (-C(O)-NH-OH) is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

293. – 315. (Canceled)

316. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

R^1 is H or as defined in claim 1;

R^2, R^3, and R^4 are as defined in claim 1;

Ring A is a heterocyclyl, wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from G;

R^{11} is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, oxo, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}alkanoyloxy, *N*-(C_{1-6}alkyl)amino, *N,N*-(C_{1-6}alkyl)$_2$amino, C_{1-6}alkanoylamino, *N*-(C_{1-6}alkyl)carbamoyl, *N,N*-(C_{1-6}alkyl)$_2$carbamoyl, C_{1-6}alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}alkoxycarbonyl, *N*-(C_{1-6}alkyl)sulphamoyl, *N,N*-(C_{1-6}alkyl)$_2$sulphamoyl, aryl, aryloxy, arylC_{1-6}alkyl, heterocyclic group, (heterocyclic group)C_{1-6}alkyl or a group (D-E-); wherein R^1, including group (D-E-), may be optionally substituted on carbon by one or more V; and wherein, if said heterocyclic group contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from J;

V is halo, nitro, cyano, hydroxy, oxo, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}alkanoyloxy, *N*-(C_{1-6}alkyl)amino, *N,N*-(C_{1-6}alkyl)$_2$amino, C_{1-6}alkanoylamino, *N*-(C_{1-6}alkyl)carbamoyl, *N,N*-(C_{1-6}alkyl)$_2$carbamoyl, C_{1-6}alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}alkoxycarbonyl, *N*-(C_{1-6}alkyl)sulphamoyl, *N,N*-(C_{1-6}alkyl)$_2$sulphamoyl

or a group (D'-E'-); wherein V, including group (D'-E'-), may be optionally substituted on carbon by one or more W;

W and **Z** are independently selected from halo, nitro, cyano, hydroxy, oxo, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}alkanoyloxy, *N*-(C_{1-6}alkyl)amino, *N,N*-(C_{1-6}alkyl)$_2$amino, C_{1-6}alkanoylamino, *N*-(C_{1-6}alkyl)carbamoyl, *N,N*-(C_{1-6}alkyl)$_2$carbamoyl, C_{1-6}alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}alkoxycarbonyl, *N*-(C_{1-6}alkyl)sulphamoyl or *N,N*-(C_{1-6}alkyl)$_2$sulphamoyl;

G, **J** and **K** are independently selected from C_{1-8}alkyl, C_{2-8}alkenyl, C_{2-8}alkynyl, C_{1-8}alkanoyl, C_{1-8}alkylsulphonyl, C_{1-8}alkoxycarbonyl, carbamoyl, *N*-(C_{1-8}alkyl)carbamoyl, *N,N*-(C_{1-8}alkyl)carbamoyl, benzyloxycarbonyl, benzoyl and phenylsulphonyl, aryl, arylC_{1-6}alkyl or (heterocyclic group)C_{1-6}alkyl; wherein G, J and K may be optionally substituted on carbon by one or more Q; and wherein if said heterocyclic group contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from hydrogen or C_{1-6}alkyl;

Q is halo, nitro, cyano, hydroxy, oxo, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}alkanoyloxy, *N*-(C_{1-6}alkyl)amino, *N,N*-(C_{1-6}alkyl)$_2$amino, C_{1-6}alkanoylamino, *N*-(C_{1-6}alkyl)carbamoyl, *N,N*-(C_{1-6}alkyl)$_2$carbamoyl, C_{1-6}alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}alkoxycarbonyl, C_{1-6}alkoxycarbonylamino, *N*-(C_{1-6}alkyl)sulphamoyl, *N,N*-(C_{1-6}alkyl)$_2$sulphamoyl, aryl, aryloxy, arylC_{1-6}alkyl, arylC_{1-6}alkoxy, heterocyclic group, (heterocyclic group)C_{1-6}alkyl, (heterocyclic group)C_{1-6}alkoxy, or a group (D"-E"-); wherein Q, including group (D"-E"-), may be optionally substituted on carbon by one or more Z;

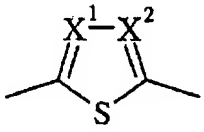
D, **D'** and **D''** are independently selected from C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{3-8}cycloalkyl, C_{3-8}cycloalkylC_{1-6}alkyl, aryl, arylC_{1-6}alkyl, heterocyclic group, (heterocyclic group)C_{1-6}alkyl; wherein D, D' and D'' may be optionally substituted on carbon by one or more F'; and wherein if said heterocyclic group contains an –NH- moiety that nitrogen may be optionally substituted by a group selected from K;

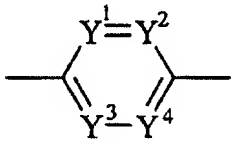
E, **E'** and **E''** are independently selected from -N(R^a)-, -O-, -C(O)O-, -OC(O)-, -C(O)-, -N(R^a)C(O)-, -N(R^a)C(O)N(R^b)-, -N(R^a)C(O)O-, -OC(O)N(R^a)-, -C(O)N(R^a)-, -S(O)$_r$-, -SO_2N(R^a)-, -N(R^a)SO_2-; wherein R^a and $R^b$are independently selected from hydrogen or C_{1-6}alkyl optionally substituted by one or more F and r is 0-2;

F and **F'** are independently selected from halo, nitro, cyano, hydroxy, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, C_{1-6}alkoxy, C_{1-6}alkanoyl, C_{1-6}alkanoyloxy, *N*-(C_{1-6}alkyl)amino, *N,N*-(C_{1-6}alkyl)$_2$amino, C_{1-6}alkanoylamino, *N*-(C_{1-6}alkyl)carbamoyl, *N,N*-(C_{1-6}alkyl)$_2$carbamoyl, C_{1-6}alkylS(O)$_a$ wherein a is 0 to 2, C_{1-6}alkoxycarbonyl, *N*-(C_{1-6}alkyl)sulphamoyl and *N,N*-(C_{1-6}alkyl)$_2$sulphamoyl;

m is 0, 1, 2, 3 or 4; wherein the values of R^1 may be the same or different;

Ring B is a ring selected from



or


wherein,

X^1 and X^2 are selected from CH or N, and

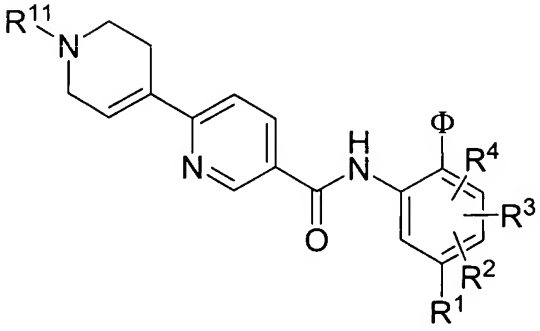
Y^1, Y^2, Y^3 and Y^4 are selected from CH or N provided that at least one of Y^1, Y^2, Y^3 and Y^4 is N;

R^{12} is halo;

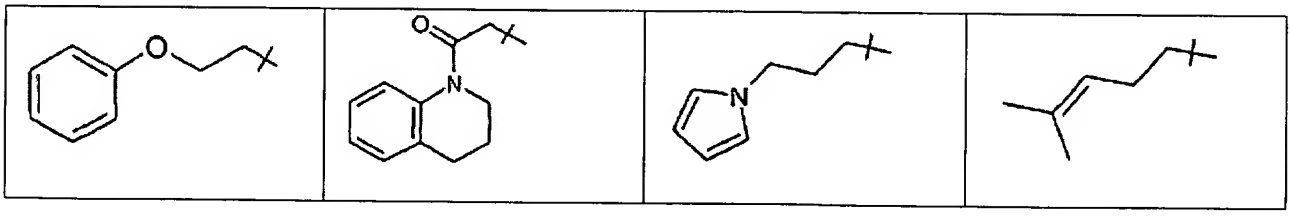
n is 0, 1, or 2, wherein the values of R^{12} are the same or different.

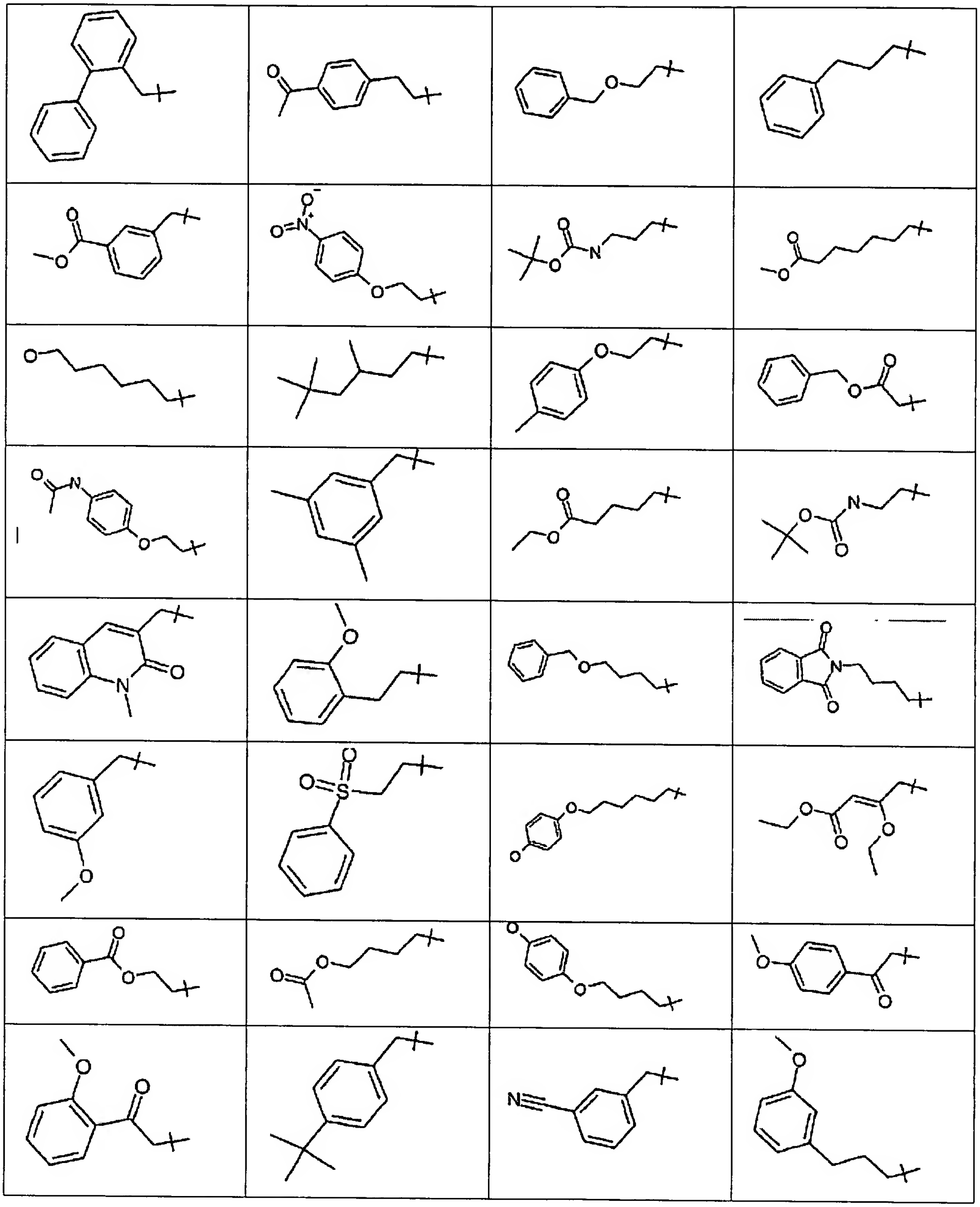
317. – 326. (Canceled)

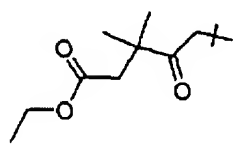
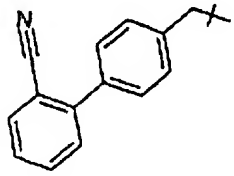
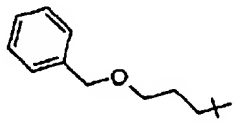
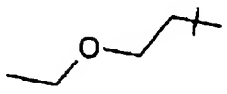
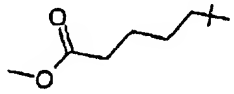
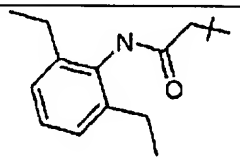
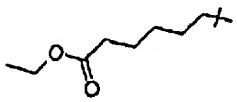
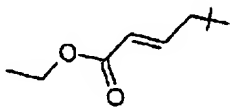
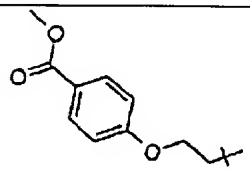
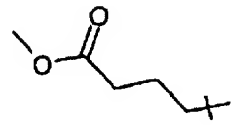
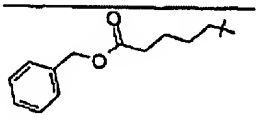
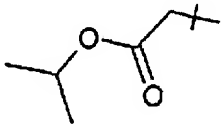
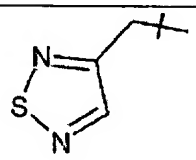
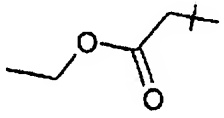
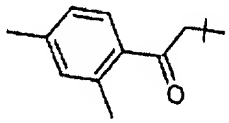
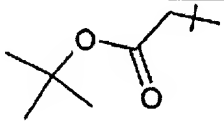
327. (Original) The compound of claim 316 that is



wherein R^{11} is selected from one of:

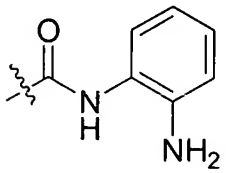




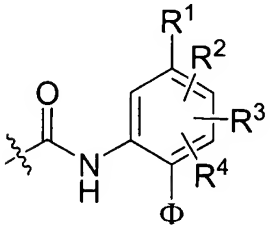
			
			
			
			
and			

328. (Canceled)

329. The compound of claim 316 that is selected from one of the compounds of WO 03/024448 wherein the terminal moieties -C(O)-NH-Ay^1, -C(O)-NH-Ay^2, -C(O)-NH-Ar^a-NH_2, and



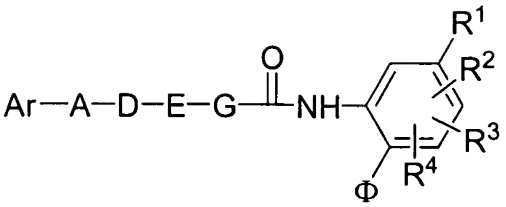
are replaced with the moiety:



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

330. – 352. (Canceled)

353. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

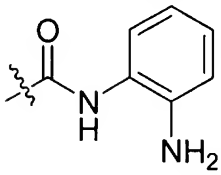
R^1 is H or as defined in claim 1;

R^2, R^3, and R^4 are as defined in claim 1; and

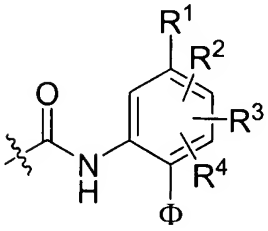
Ar, A, D, E, and G are as defined in JP 2003137866.

354. (Canceled)

355. (Original) The compound of claim 353 that is selected from one of the compounds of JP 2003137866 wherein the terminal moiety:



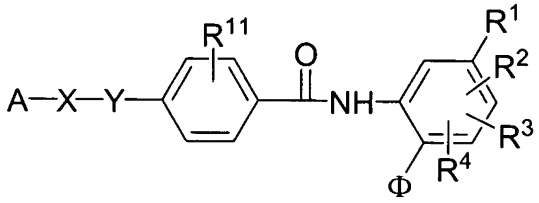
NH_2 is replaced with



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

356. – 377. (Canceled)

378. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

R^1 is H or as defined in claim 1;

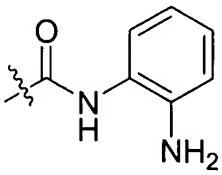
R^2, R^3, and R^4 are as defined in claim 1;

X, Y, and A are as defined in JP 11-269146 (1999); and

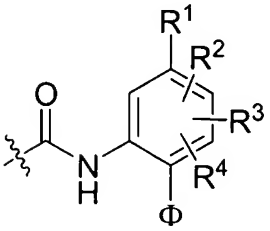
R^{11} is the same as R^1 of JP 11-269146 (1999).

379. (Canceled)

380. (Original) The compound of claim 378 that is selected from one of the compounds 1-50 of Tables 2-4 of JP 11-269146 (1999) wherein the terminal moiety:



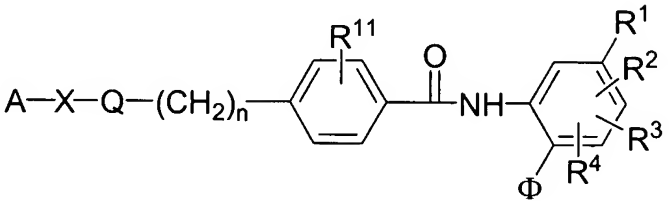
NH_2 is replaced with the moiety:



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

381. - 402. (Canceled)

403. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

R^1 is H or as defined in claim 1;

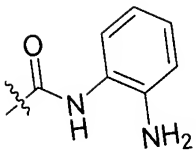
R^2, R^3, and R^4 are as defined in claim 1;

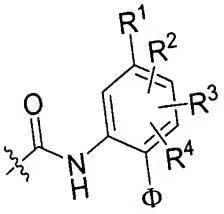
n, X, Q, and A are as defined in JP 11-302173 (1999); and

R^{11} is the same as R^1 of JP 11-302173 (1999).

404. (Canceled)

405. (Original) The compound of claim 403 that is selected from one of the compounds 1-67 of JP 11-302173 (1999) wherein the terminal moiety:

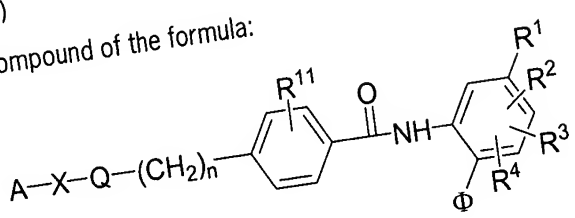
 is replaced with the moiety



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

406. - 427. (Canceled)

428. (Original) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

R^1 is H or as defined in claim 1;

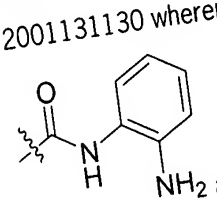
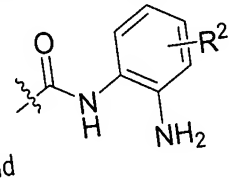
R^2, R^3, and R^4 are as defined in claim 1;

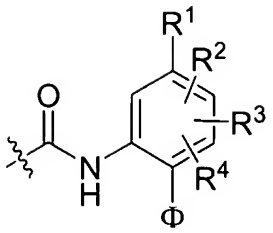
n, Q, and A are as defined in JP 2001131130; and

R^{11} is the same as R^1 of JP 2001131130.

429. (Canceled)

430. (Original) The compound of claim 428 that is selected from one of the compounds of JP 2001131130 wherein the terminal moieties

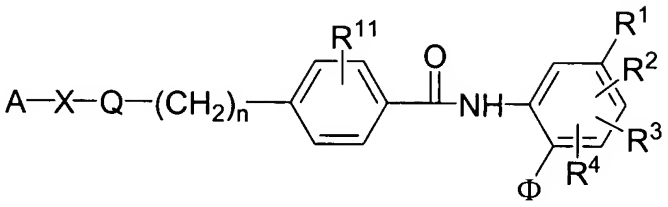
 and  are replaced with the moiety



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

431. - 452. (Canceled)

453. (Original) A compound of formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or –OH;

R^1 is H or as defined in claim 1;

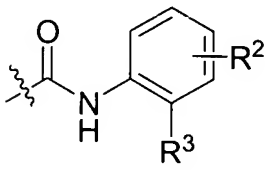
R^2, R^3, and R^4 are as defined in claim 1;

n, X, Q, and A are as defined in JP 10152462, JP 2002332267, and JP 11-302173; and

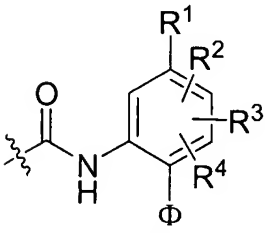
R^{11} is the same as R^1 of JP 10152462, JP 2002332267, and JP 11-302173.

454. (Canceled)

455. (Original) The compound of claim 453 that is selected from one of the compounds of JP 10152462, JP 2002332267, and JP 11-302173 wherein the terminal moiety



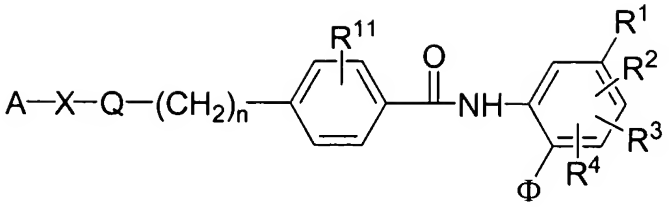
is replaced with the moiety:



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with claim 1.

456. - 477. (Canceled)

478. (Original) A compounds of the formula:



or a pharmaceutically acceptable salt thereof, wherein

Φ is $-NH_2$ or $-OH$;

R^1 is H or as defined in claim 1;

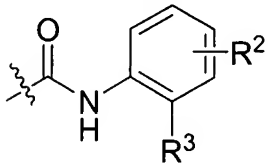
R^2, R^3, and R^4 are as defined in claim 1;

n, X, Q, and A are as defined in US 6,174,905; and

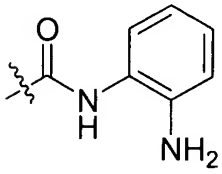
R^{11} is the same as R^1 of US 6,174,905.

479. (Canceled)

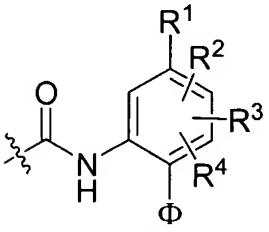
480. (Original) The compound of claim 478 that is selected from one of the compounds of US 6,174,905 wherein the terminal moiety:



of the compounds of Table 1 of US 6,174,905 and the terminal moiety:



of the compounds of Tables 2-4 of US 6,174,905 are replaced with the moiety:



wherein Φ, R^1, R^2, R^3, and R^4 are as defined in accordance with paragraph claim 1.

481. - 502. (Canceled)

503. (Original) A compound selected from the compounds of Table 1 and Table 1a and pharmaceutically acceptable salts thereof.

504. (New) A pharmaceutical composition comprising a compound according to claims 1 and a pharmaceutically acceptable carrier, diluent, or excipient.

505. (New) The pharmaceutical composition of claim 504 further comprising a nucleic acid level inhibitor of histone deacetylase.

506. (New) The pharmaceutical composition of claim 505, wherein said nucleic acid level inhibitor is an antisense oligonucleotide complementary to a nucleic acid that encodes for a histone deacetylase.

507. (New) The pharmaceutical composition of claim 506, wherein said antisense oligonucleotide is selected from the group consisting if SEQ ID No:1, SEQ ID No:2, SEQ ID No:3, SEQ ID No:4, SEQ ID No:5, SEQ ID No:6, SEQ ID No:7, SEQ ID No:8, SEQ ID No:9, SEQ ID No:10, SEQ ID No:11, SEQ ID No:12, SEQ ID No:13, SEQ ID No:14, SEQ ID No:15, SEQ ID No:16, and SEQ ID No:17.

508. (New) A method of inhibiting histone deacetylase, the method comprising contacting said histone deacetylase with an effective inhibiting amount of a compound according to claims 1.

509. (New) A method of treating an individual having a disease selected from the group consisting of a cell proliferative disease, a protozoal disease and a fungal disease, said method comprising administering to said individual a treatment effective amount of the pharmaceutical composition according to claim 504.

510. (New) The method of claim 509, wherein the disease is a cell proliferative disease.

511. (New) The method of claim 510, wherein said cell proliferative disease is selected from the group consisting of a lymphoma, lung cancer, colon cancer, prostrate cancer, stomach cancer, breast cancer and leukemia.